Break

Hot gospellers

Music is for everyone and should be firmly entrenched in the timetable. This is the gospel of the Schools Council project, music in the secondary school curriculum.

The project, set up in the department of music at the University of York in 1971, is now into the last year of its formal life. It is supposed to end next summer and that is when such booklets, recommendations, suggestions and materials as it publishes will emerge.

But the formal life is rather ceasing to be the most important aspect of the project—and just as well perhaps since £77,000, the Schools Council grant, would seem a lot to pay for what will probably be very little by way of published products.

The informal network of eager disciples in York and throughout the country, consisting of music advisers and teachers in trial and pilot schools, represents a more important legacy. The project has operated to a large extent through schools—originally selected with the help of l.e.a. advisers—and through a regional network of curriculum development groups who show films of each others work, discuss, plan and consciousness raise.

Then there are also one-off events: for example, there is to be an Arts Day at Edge Hill on June 25 and an exhibition/demonstration involving teachers working with their classes at Wakefield on July 7.

The network also operates as an unofficial old boy network for appointments when schools are looking for music staff who are good at the kind of music-for-all teaching which is the project's hallmark, or authorities for advisers who can give this sort of work—often quite widespread and effective in primary schools—a [illegible] in secondary schools.

The ILEA, for example, last autumn took on John Stephens, ex-HMI and active member of the project's consultative committee, as senior inspector, and Alan Vincent, the project's schools liaison officer, as an inspector.

The sort of gospel the project preaches—and it does have a dedicated, slightly fanatical and marginally paranoid air—received its most public manifestation so far in Thames Television's *Our School and Hard Times*. All the music for that film, both background music and that which children were seen performing, was the product of Pauline Adam's work. She, as head of music at Archbishop Michael Ramsey school in Camberwell, has been one of the project's most enthusiastic pilot persons.

One of the most enthusiastic full-time project persons is the new (since January) schools liaison officer. Gillian Blake was a music teacher for 16 years, during which time she gradually got away from the sort of music on which her formal training concentrated and developed ways of working with groups of children creating music rather than simply recreating to other people's work. Now she is marketing the same idea for the project. For more information contact her at York University, 86 Micklegate, York.

"The Schools Council will be participating in a project on Fire Prevention Education which is being funded by the Home Office. This will analyse how the teaching of fire prevention can best be promoted in secondary schools, and develop appropriate teaching material (interdisciplinary and single-subject). The project will also review existing teaching practice on fire-related topics, and consider ways in which material on the subject of fire can be introduced into schools, bearing in mind the constraints of timetabling. It is hoped that the project will start in September, 1977." This announcement from the Schools Council is not a parody. Who needs enemies . . . ?

Locks and lunches

"At the end of a day in Bristol I felt less tired than at break in London." That pretty well summed up the differences found by two heads of mathematics departments, George Phipson from Woodberry Down School in London and Ken Smith from Monks Park School, Bristol, who swapped jobs for a week last term.

Long-standing friends, they swapped not only timetables, tutor groups and dinner duties, but also flats which made the administration easier—though the ILEA apparently hiccoughed a bit at processing something that was for free.

The curriculum, pastoral systems, options and groups were, they found, remarkably similar. What struck them was the contrast between the "tight regime" at Woodberry Down—lots of pieces of paper [illegible] this and that, tannoy announcements, locked classrooms and lockers, buildings cleared at break and at lunchtime—and the "easier relaxed attitude of Bristol".

In Bristol there was no such air of tension. Staff ate lunch with the pupils: "lunches were very well organized, with a pleasantly orderly atmosphere, and pupils re-laying places for those at later sittings." George Phipson wrote in his account of the exchange. "The hassles of each day in London are so much greater that the staff value a lunch break well away from pupils, and yet only staff supervision at lunch will ensure a calm start to the afternoon: how to break the spiral?"

Coats could be left hanging in cloakrooms, lessons could start without first having to sort out the no-pens and no-books brigade. In Bristol meetings are held at lunchtime and everyone is out of the building early in the afternoon. Ken Smith was struck by the willingness of Woodberry Down staff to stay on after school for long evening meetings.

"Never mind what I said at the street party. It's 'sir' again now, if you don't mind."

Two other points of contrast struck them. In London staffing and resources were higher for a marginally smaller school but this had no apparent effect on, for example, class sizes. All the extras seemed to be channelled into coping with the inner city problems—very small groups for non-readers, for example. Woodberry Down has its own reading centre. Monks Park uses the single centre which serves the whole of North Devon.

The other surprise was levels of ability and expectation. Monks Park is more genuinely comprehensive in its spread of ability. Ken Smith found he overestimated the ability of a bright fourth year group at Woodberry Down. George Phipson found that pupils in 5.5, the somewhat notorious non-examination maths class at Monks Park, were no worse than people he was putting in for CSE mode III at Woodberry Down. He was impressed too with the range a sixth form of 180 plus can offer and they were both amazed that it should be Avon rather than London, with its comparatively small sixth forms, which is considering 16 to 19 reorganization.

But one thing was the same: though the atmosphere in the two schools is so different, though standards of behaviour and achievement vary, the staff in both spoke in equally despairing tones of this or that group who failed to line up to the prevailing norm. All lapses are, it seems, relative.

Heads they win

Andrew Brons, 30-year-old lecturer in government, law and politics at Harrogate College of Further Education, thought it was hilarious that the recent annual conference of the National Association of Teachers in Further and Higher Education should be ready to spend half a morning discussing the political activities of one member.

Mr Brons's enthusiasm for the National Front—he has thrice stood as parliamentary candidate, polling 8 per cent of the votes at Stechford this year—had led to the tabling of a motion at NATFHE's annual conference to the effect that membership of the Front was, in the curiously prim wording of the Outer London movers, "detrimental to the interests of the union".

Mr Brons, a big lad, a bit slack around the middle, boyish face, disarming smile, said he did not mind communists in NATFHE so long as they did not use their power to further political interests. What were they worried about him for? Well, about the influence he might have on his students, for a start.

"I make it a rule never to mention my political views to my students", he said, sitting in his small red brick house outside which ne'er so much as a Union Jack fluttered though the adjoining council estate was dressed up for the Jubilee. "Besides, the majority of our students are under 18. They are less politically interested. And the syllabuses at further education level do not require discussion of political ideology." But he did concede it would be surprising if anybody who taught managed to keep his views totally concealed.

What about his colleagues? "One or two I don't get on with because of my politics but others have come up and said they agree with me." Mr Brons laughed out loud at the idea that he might go down and listen to the NATFHE debate. He was not that interested. "Whatever happens to the motion, we can only gain from it. If it fails it shows the left cannot even make their own tactics work; if it succeeds then we shall get some publicity from it." In the event the conference never got around to the motion.

Had it occurred to him that his chances of mobility within the profession and his promotion prospects might be impaired by his political affiliations? Yes, he said. But he had no particular longings to go anywhere else, anyway, he said, slightly apologetic for his lack of ambition.

Rigar the tiger

In a small room on the top floor of Holborn library, a group of parents, teachers and other followers of the "Patterns of Sound" reading method met together recently to form the Baldwin Association for Literacy. Miss Baldwin, who took nearly 20 years to perfect her method, is now over 80 and is anxious to see that her work is carried on and that many more teachers become acquainted with "Patterns of Sound" before she retires.

"If my reading books were used in schools throughout the [illegible] they would revolutionize the [illegible] system of reading," said Miss [illegible] win. In her speech, she pointed [illegible] that she disapproved of the [illegible] tic method because each letter [illegible] learnt with a small sound [illegible] on to it—the "schwach"—[illegible] then has to be unlearnt.

Her method shows how [illegible] are formed in the mouth and [illegible] they sound in simple words. [illegible] nants are always learnt [illegible] words because, as Miss [illegible] stressed, they are "soundless [illegible] their own.

At the meeting letters of [illegible] were read out from pupils [illegible] ages and abilities. One [illegible] grandmother, who had learnt [illegible] read from Miss Baldwin's books had then used them to [illegible] her 10-year-old grandson.

A film was shown of Gr[illegible] Baldwin working with children, who clearly loved [illegible] told to stick out their tongues [illegible] many teachers would have [illegible] punded to the gesture like [illegible] enthusiastic Miss Bald[illegible] "You've got a beautiful [illegible] Timmy", she exclaimed.

Some of her alliterative [illegible] are reminiscent of Lewis Carroll [illegible] is easy to understand why children like roaring to the following [illegible] which introduces them to the [illegible] "R":

Rigar the Tiger is
Grinding round his ivories
Growling all the while he is
Prowling round refineries
Roaring every mile he is
Like this
Rrrrrrrrrrrrrrrr

All the association lacks [illegible] funds. Applications have [illegible] made to a number of foundations for grants. The association [illegible] about £5,000 to get going.

Standards are indeed slipping [illegible] weekend I started to play [illegible] with an 11-year-old. Middle [illegible] readers will remember the [illegible] of the game—to pick up, [illegible] with, the required number of [illegible] without moving the others.

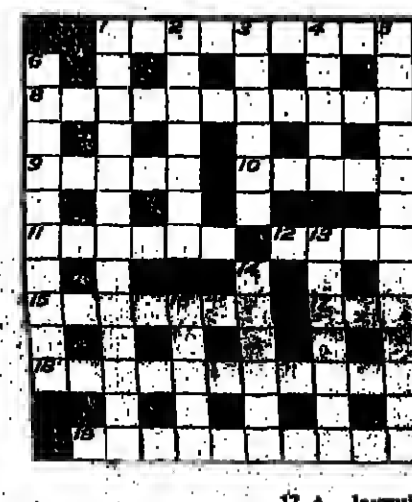
My opponent began to [illegible] jacks were sliding all [illegible] I protested that she [illegible] them, and claimed it [illegible] "Oh", she said, in disgust [illegible] "You play Strictsies."

Ann[illegible]

Next week

Books: Norman Stone reviews David Irving's new biography of Hitler; books on history, politics and social science.
Extra: secondary school books (science).
Them and us: a European educationist compares British primary schools with those on the Continent.
West Indian children in schools: critical assessments of a [illegible] book from Rob Jeffcoate and David Kirp.

Crossword No 1,090



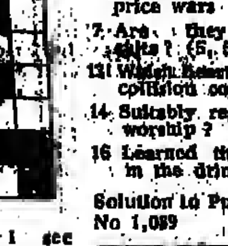
Across

1 Vessel carrying Jason's (5, 4).
8 USSR citizen expert in measures (7, 6).
9 45 in.—that is the girl (5).
10 Gap (7).
11 Somewhat unmindful persons (6).
12 A lawsuit I see about cheese (6).
15 Could not exist without a wife (7).
17 Where the pairs get all mixed up (5).
18 The accepted norm in fighting? (8, 5).
19 Let the printers see to it (12).

Down

1 Visionary stronghold (6, 2, 5).
2 Garb of E. Antrim (7).
3 They can truly talk of mine (6).
4 A beater naturally (5).
5 Artistic surroundings (7, 6).
6 The reverse, one might think, of price wars (4, 6).
7 Are they short skits? (6, 6).
13 Which heartbeat-[illegible] collision course (7).
14 Suitably regards his worship? (6).
16 Learned theologians in the drink (5).

Solution to Puzzle No 1,089



Chess

Make sure of your system

In the past 50 years various systems of play in the opening stages have been invented by the more imaginative and original of our great masters: the Reti Opening, Catalan System, Nimzowitsch Attack, Larsen Defence, etc. These are all systems devised to mystify the adversary and, to a large extent, they depend upon tactical resources to make good the deficiencies of what are, in essence, artificial set-ups.

Herein lies the danger for the average player. He sees himself presented with a ready-made recipe for [illegible] does he not also [illegible] what terrific triumphs [illegible] as Nimzowitsch and Larsen [illegible] have, particularly in tournament play? But he does not realize that what is sauce for the gander is not necessarily sauce for the goose. The recipe may be a splendid one but its use, or rather the manner of its use, is all-important.

If the player does not really understand the system he is using, or if it is a system that demands considerably more powers, either positional or tactical, than he in fact possesses, then the system is the surest and speediest road to disaster. So, either make sure of your system and of your capacity to employ and exploit it, or else shun systems like the plague and stick to the direct and well-known methods of the opening play of the classical school of masters, using, for example, the Queen's Gambit or the Ruy Lopez.

What happens when your system comes unstuck was well illustrated by the following game played in the Biel Interzonal 1976.

White: Czom Black: Portisch Nimzowitsch Attack.

1 Kt-KB3	P-Q4
2 P-QKt3	P-KB3
[illegible]	[illegible]

Position after 26.RxP.

(a) A system of development with which the great Latvian master, Aron Nimzowitsch made equally great play in his lifetime. But it requires the most accurate handling to be effective.

(b) Not a Nimzowitsch move; correct was 7.0-0, following this up with P-Q3 and QKt-Q2 and then the advance in the centre by P-K4.

(c) Not good here since he has not yet castled; so 8.0-0 was the right move.

(d) Not a [illegible] move to [illegible] to do; but [illegible] then [illegible] 12.BxB [illegible]

(e) [illegible] 13.0-0, 0-0-0; in both cases [illegible] won game for Black.

(e) A humble move to have [illegible] but his entire strategy is [illegible] in any case. Now indeed his [illegible] is wide open to attack.

(f) There is a certain [illegible] about the way the King has [illegible] back to its original square.

(g) Threatening Kt-Kt6.

(h) With the deadly threat [illegible] R-B7.

(i) Because of 27. R-B7 ch; K-Kt1, Q-K7 when mate is [illegible] able.

Harry Golombek

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Strike—NUT call out staff in battle over axed jobs

by Stephen Cohen

The National Union of Teachers has called a strike in Oxford from next week. Union members in 35 schools in the city are to withdraw their labour from Tuesday. The action involves 307 teachers and about 14,000 children and is the first strike since 1971.

The strike, which will cost the union £3,000 a day—full salaries are to be paid—is the latest step in the NUT's campaign against Oxfordshire's proposals to axe 344 jobs including the sacking of up to 160 teachers.

Union members stopped supervising school meals last week and refused to teach classes of more than 30, 32 and 27 in secondary, primary and infant schools respectively from Monday of this week. A ballot of members last month revealed that more than 78 per cent of the 89 per cent voting would go on strike if asked by the union.

Mr Fred Jarvis, NUT general secretary, said the strike would be called off if the authority gave an assurance that no jobs would be lost. "They would then have to take positive and definite moves to avert the deterioration in staffing standards."

Under the county's proposals, the pupil-teacher ratio in the primary schools would decline from 23.5 : 1 to 23.9 : 1. In secondary schools it would worsen from 17 to 18.1 : 1. In each case Oxfordshire would plummet towards the bottom of the league table of staffing standards. *Mr Jarvis said* the sackings could be avoided if the authority spent some of the money in its reserves and contingency funds. It had not followed the Government's guidelines to preserve staffing standards, he said.

Oxfordshire has £6.25m in its contingency fund and reserves of £[illegible]m. It would cost £1.8m to restore staffing standards to the level before the cuts were decided. Altogether, £3.25m has been cut from the county's education budget, leaving £60m to be spent this year.

A spokesman for the county council said this week that the first savings made were on capitation allowances, maintenance of buildings and other minor items. "We really did scrape the barrel and did the utmost to avoid reduction of teachers' jobs", the spokesman said. "Our view was that the teacher in the classroom was the prime resource."

These initial savings amounted to £1.5m. The rest, it was decided, would come from teachers' salaries and, as a result, the county's rate increase this year was 25 per cent. Without the cuts in education and other spending, the rate rise would have been nearer 30 per cent, adding an extra 3 pence to the already agreed rise of 12 pence, and taking the council way beyond the Government guideline of an average 15 per cent increase.

Mr Roger Streatfeild, chairman of the education committee, told the county's governors and managers of primary and secondary schools last week that the county was always faced with this dilemma of deciding whether to increase the rates to pay for all the things they would like to provide, or holding the rates down and so providing worse services.

In a letter to the governors and managers, Mr Streatfeild spelt out the background to the NUT's action. "The NUT say they are taking industrial action for two reasons", he said. "First because some teachers employed by the county council on contracts which expire on August 31 may have to lose their jobs and secondly because it is proposed to worsen the pupil-teacher ratio."

Flashback: anti-cuts demonstration in Oxford last year.

Although the union is not making a major issue of these short-term contracts, they are, in fact, proving to be the biggest stumbling block against a solution to the dispute. Oxfordshire started appointing teachers for short periods of time last year when it became clear that it would have to shed staff.

No objections were raised at the time, but it is now those teachers who have not got security of tenure who are first in line for redundancy. The union wants the county to re-appoint these teachers on full contracts which will guarantee permanent employment or proper redundancy terms. The county refuses because of the extra cost.

But an offer was made two weeks ago to the union that all teachers on short contracts would be guaranteed employment until March 31 by which time there would be "reasonable hope that jobs would have become available for all of them", according to Mr Streatfeild's letter.

The NUT responded during the marathon nine hours of talks that if permanent contracts could be signed next March, why could they not be issued now. If the contracts could be negotiated, the strike would be postponed until September, the union told the authority.

The county thought this was unacceptable. "It amounts to the county council paying out up to £300,000 more in teachers' pay in exchange for a short period of peace and the probability of disruption next term if we had not, by then, committed to the teachers some £2m extra on next year's rates", Mr Streatfeild said.

Many of the teachers whose contracts expire in August, have in fact been found permanent jobs under the county's redeployment programme. It is the remaining 160, and the worsening pupil-teacher ratio which is at issue.

The union has appealed to parents to support teachers and has distributed 70,000 copies of

continued on page 3

Sauve qui peut: cross-Channel ferries are awash with English schoolchildren off to France for the day. Bob Doe went with them (and their brave teachers) on one invasion of Boulogne, page 6.

Conciliation before collision

With Oxfordshire and the NUT locked on a collision course, it is important now to sort out the two connected issues which have led to this confrontation. First, there is Oxfordshire's budgeted reduction in staffing—the elimination of 344 jobs in the coming academic year—which is going to lead to a sharp deterioration in the pupil-teacher ratio. The union has mobilized to [illegible] in other places: Oxfordshire's cuts are [illegible] most severe so far proposed. It is quite [illegible] the inevitable—that the largest teachers' union should do everything in its power to draw attention to this direct attack on teaching standards.

Second, there is the specific and immediate matter of about 160 full-time equivalent jobs which are under threat. Whereas most proposals for worsening pupil-teacher ratios involve running down numbers through natural wastage, Oxfordshire has a number of teachers on short-term contracts, who stand to lose their jobs in the coming months. The NUT has pressed the county to give them normal teaching contracts, but the authority has refused, reserving the right to dispense with them when their time runs out.

It is the second issue which has, quite unnecessarily, precipitated next week's strike. The authorities claim that the threat to the jobs of these teachers on short-term contracts is more apparent than real. If teachers continue to die, retire or leave the Oxfordshire teaching service for any other reason, in what now appear to be normal numbers, all or most of the 160 full-time equivalent jobs could be absorbed into the (reduced) complement of permanent teaching posts by next Easter; the authority was willing to guarantee jobs for all concerned, at least till March 31, 1978.

The NUT, not unreasonably, have countered by saying: If you can be so sure that all or most of the teachers will be [illegible] why not go that little bit further and give us a guarantee to that effect? By the authority's own arguments the cost would be minimal, and in pressing for such a guarantee the union is only doing its job, supported as it is by a huge majority of its members.

The authority, naturally, wanted to get the NUT to withdraw all sanctions—including those for school meals and the so-called "over-size classes" sanction—which arise from the larger issue of the deterioration of the pupil-teacher ratio. And indeed the union has insisted that the pupil-teacher ratio is the main issue.

continued on page 2

No comment

"Unless training in skill, associated with proper education for leisure, is given to the least able of our adolescents we shall create, a decade hence, a violent unemployable rump." Discuss.—question in 1966 Reading University DipEd exam paper.

Cabinet pudding

Grants for young people in education after 16 may be improved—but no thanks to some. The Cabinet discussed these grants along with the Holland report yesterday page 3

Rebels rapped

Shirley Williams has written to prod seven of the authorities rebelling against comprehensive reorganization into action. The eighth will hear soon page 5

Changing training

[illegible] case for a five-year training course for potential teachers with stiff selection tests and higher entrance qualifications; a principal of a training college questions whether the reorganized system will produce better teachers page 9

School to work

A report on the changing market for graduates; two views on what lies beyond TEC; a defence of the Youth Service Forum page 10

Them and us

What might happen if British primary schools become more like European primaries? A European educationist contrasts the two systems pages 18, 19

Did Hitler know?

Controversy has raged during the past two weeks over David Irving's view that Hitler was ignorant of what was happening to Germany's Jews. Norman Stone looks at Irving's argument with withering scrutiny page 20

Extra:

Secondary science books pages 37-44

Leaders, 2; personal column, Gerry Fowler, 4; School to work, 10; sport, 16; foreign news, 12, 13; letters, 14, 15; features, multiracial education outdoor pursuits, 17, 23; Books; multiracial education by David Kirp; A. J. Ayer, economics, ecology, literature, history, church affairs, children's literature, 21-24; Resources, 25, 26; Talkback, mixed-ability science, open evenings, Network, 27; Arts reviews; theatre, Malvern Festival, theatre and education, the proms; "Panorama" on teacher training; films on birth, 78, 79, bridge, crossword, Break, 80

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TES holiday offer to the Bay of Naples page 11

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Can Jim fix it?

Mrs Williams faced a major test of her political weight in the Cabinet this week.

Not only was she trying to get at least a general commitment to review and improve educational maintenance grants attached to the Government's policy for unemployed young people. Her Green Paper on education was also being considered.

The Green Paper, substantially leaked in *The Times* and as a result widely discussed both inside and outside the Cabinet, has not been enthusiastically received, by all accounts, by a number of Labour politicians. They are not happy with even the rather pussy footing implied criticisms of the schools (comprehensives in particular) which the paper contains.

On the other hand Mr Callaghan himself is not keen for wards to be too finely minced.

Mrs Williams's political reputation is good but it has not been built on conspicuous effectiveness in Cabinet. There, it has been said, she keeps pretty quiet. However, she has the Prime Minister for ally. Furthermore on maintenance grants, she has Mr Albert Booth's backing. It would jeopardize the Holland scheme for 16 to 19s if it led to the uncontrolled syphoning of young people out of full time education.

On the Green Paper, too, she reputedly has the support of blunt men and true such as Mr Varley. Indeed cynical observers claim that robustness about the importance of standards and discipline is greater the less formal higher education the minister personally received.

In the matter of maintenance grants, the obstacle, unsurprisingly, is cost. The economic climate is indeed not conducive to extra spending schemes. But muddling along piecemeal in the post-16 area could create an ever more confused mess which will be expensive to sort out in the end.

Already, as the Child Poverty Action Group have pointed out, the dole is more attractive than education for people over 16 (page 4).

This whole area is an obvious one for a properly functioning joint approach by the various departments. Something on the lines of Holland's recommendations must be done fast. But that does not excuse the Government from getting to work now in its various Cabinet committees (the existence of which is so veiled in mystery) on a properly coordinated scheme. Such a scheme might permit some measure of control of the flow of young people into work, training and education. It would in any case provide some greater feeling of justice, security and common sense.

White Lion at bay

By the time this issue appears, it will be known whether the narrow majority decision of the Labour group in the Inner London Education Authority to refuse support for the White Lion Free School carried the day in the ILEA schools sub-committee which met yesterday.

It is ironical that a week after the appearance of the Government's inner cities White Paper, promising increased help for attempts to relieve the social and economic distress of depressed urban areas, the largest education authority should be told by its political bosses to give a wide berth to a school attended by some of the boys and girls for whom the ordinary schools can do least.

It is fairly clear that the professional advice which the members received was that whatever else might be said, the White Lion School is doing a useful job with a very difficult group of children. They go to White Lion as volunteers: nobody can be sanguine that they will now under threat of compulsion settle down as model citizens elsewhere. The Labour politicians who, somehow, see any "independent" school as a threat to the maintained system, have no clear idea how the 40 pupils in question will be reabsorbed.

The White Lion School is only asking the ILEA for what it would otherwise have to spend on such children in other maintained schools and, for that, offers service from teachers and other staff which goes a good way beyond the call of duty. It is said that the sticking point has always been the refusal of the White Lion school to promise as a primary aim to return pupils to the ordinary schools at the earliest opportunity—to be, in fact, not a school but a temporary remedial institution pledged to reconcile those who come to the free school for a return to the mainstream.

But this, besides being largely academic, also rejects the White Lion's basic claim to offer an alternative, valid in its own right. And a few alternatives, surely, is what an authority as big as London (and with London's share of social disadvantage) badly needs. But this point eludes the institutional conservatism of London's Labour establishment. Earlier this week it seemed that the radicals of the White Lion Free School were likely to get more support from Mr Robert Vigars, the Conservative leader, than from the party which wears its social conscience on its sleeve.

Conciliation or collision?

continued from page 1

But even so it may be doubted if without the termination of the employment of individual teachers there would have been support for a strike. The authority had various opportunities during the negotiations where it could have tried to defuse the issue but failed to give undertakings which, while they would have cost little or nothing, might have led to a way out of deadlock. As it was, they broke up without even arranging further meetings. Both sides should now make determined efforts to pursue conciliation.

On the larger question of the Oxfordshire budget and the education cuts, the county has a stronger case than the union allows. Oxfordshire is caught between conflicting central government policies. The county has done extremely badly from the Rate Support Grant Settlement. Even after the savage cuts in expenditure, rates have had to go up by nearly 25 per cent, compared with the average of 15 per cent commended by the Government.

Mr Fred Jarvis is quoted as saying that they could easily pay for the extra teachers out of reserves or the contingency fund. But the authority has already run down reserves to well below the level recommended by the Government and the reference to the contingency fund betrays ignorance of the purposes for which that fund is provided—to pay for price increases after the date when the budget was costed (November of the preceding year).

All this means that the NUT should blame the Government as well as Oxfordshire. What is happening in Oxfordshire follows directly from Mr Healey's policies and Mr Peter Shore's application of them. No amount of double talk can conceal the fact that government policy on expenditure can only be met in places like Oxfordshire by cuts in teacher employment which are (in theory at least) contrary to government policy. But it is Oxfordshire which employs the teachers, not the Government, and if there is a strike it will be Oxfordshire's bungling which caused it.

The forthcoming Green Paper will ask each l.e.a. to carry out a curriculum review. CONRAD RAINBOW, chief education officer for Lancashire, one of the authorities furthest advanced in working out a curriculum and standardized tests of achievement, here sets out what such a review should aim at

At the heart of the core

The curriculum of all schools embodies the aims and objectives of the part schools play in the development of children and young people. Composed of various subjects, it is the vehicle through which knowledge and understanding are achieved and reasoning and skills are developed.

The curriculum extends beyond the timetabled subjects, and, through the demands it makes, it is important in the field of personal as well as of academic development. The work of the school is concerned with enabling children to acquire basic skills of literacy, oracy and numeracy to stimulate their curiosity and imagination; to prepare them for the world of work and the responsibilities of adult life; to help their development as sensitive human beings who have some appreciation of truth and beauty.

These are demanding goals—they are concerned with good living; they are to do with man's nature and destiny.

There is, I believe, a real chance of achieving general agreement as to what the curriculum is along such lines as these. This view is not original but an attempt to summarize what professional educators and others have long believed. There is some merit in its explicit formulation and if some such formulation commands national support then stage one at least has been passed.

But moving on from such generalizations to stage two is infinitely more difficult. It leaves the realm of educational philosophy and enters the real world of the classroom and what we are demanding of the teacher confronted in every lesson with 30 or more youngsters of widely varying abilities, ambitions, backgrounds and degrees of motivation.

How we teach, the books, materials and equipment to be used must be left to the teachers. We owe it them to provide the finest possible initial and in-service training. Equally we owe them our trust and confidence as they pursue the infinitely difficult task society has laid on their shoulders.

Must we then rest content with no more than a general formulation of curricular objectives? I think not. Practical considerations determine that we talk in terms of subjects.

Most would probably accept maths, English, science and a modern language as an essential basis or core for the majority of pupils to the age of 16. Of equal importance, if our general aims are to be realized, are art, music, drama, physical education and the humanities. I have excluded religious education for the time being because its importance justifies greater debate than has been given to it so far. Some awareness of the great religions of the world should form part of the core.

How much more we can do to achieve spiritual development in school subject terms requires careful thought. Other subjects contribute. The ethos of the school community itself is a major influence. Perhaps we cannot hope for more given the very limited time in the course of a year which children actually spend in school. Here at least society cannot escape its vast responsibility.

Just as I believe it would be possible to achieve agreement on objectives, so I believe a general consensus of views on subjects could be arrived at. Further, I think we could agree on balance within the overall curriculum. After all Crowther did it with his recommendation for one-third minority time and the other two-thirds as an adequate allocation for three A level subjects. So I am tempted to stick my neck out for the 11 to 16 age group and say 'let us devote 50 per cent of the time in school to the core'.

Given four core subjects this would allow five periods a week on each in a normal 40-period week. This is not dissimilar from the present practice in many schools during the first three years of the secondary course. If it is extended to the whole course it will limit the range of options, but this could be a desirable price to pay in the light of evidence of variety of choice which for some pupils has resulted in subject combinations of doubtful educational value.

The real difficulty stems not from subjects or balance but the detailed content. It has rightly been pointed out that a wide range of material is included in the label "maths". The same is true of most other subjects. But I saw recently an attempt by the mathematicians themselves to list the skills which they regarded as essential for the child to acquire before leaving school. This surely points the way ahead.

Bearing in mind the overall goals, must we not commission the subject specialists to outline the minimum content of a five-year course designed to achieve those goals? Considerable choice could still be allowed and, as I have already said, the method of teaching must be left entirely to the teacher.

In Lancashire we made a start last year with a residential course for heads and we are working closely with HMI on a review of the secondary curriculum. Twelve volunteer schools are taking part in this and a further 10 are engaged on a similar exercise with the county's advisory team. It is too early to know the outcome, but those taking part are optimistic.

For years teachers have individually made selections. In history, to be frank, we sometimes ended up doing the Tudors and Stuarts several times and only getting to Victoria if we were lucky. Occasionally we engaged in what has been described as a mad scramble from Plato to Nato. The alternative will, we must acknowledge, be more difficult but surely it is not impossible for a group of historians to get together and decide the essential content of a course. Examining boards have been doing it with confidence for years.

Nor must we ignore the place of schools which are just as much concerned with curriculum matters as the secondary schools. Their task ... function, the acquisition of communicative skills must be closely defined. Of critical importance to current discussion ... achievement of curriculum continuity from five to 16.

We simply cannot allow the principle of self-determination ... any educational institution, especially the primary school ... becomes freed from its ... constraints with the removal of the 11-plus. Acceptable continuity must involve ... definition of objectives by the primary schools but standards of attainment across the ability range at the age of transfer (which has been refused to define) and a form of measurement of standards which does not ... as did the 11-plus of old.

The draft Green Paper is reported to contain the assertion that ... taries of state do have responsibility for the national framework of the school curriculum and have the right to expect that in any one authority area the school curriculum matches up to national educational objectives. This seems ... provided the objectives ... ally agreed and an ... political debate which ... view done infinite harm ... ation service in recent years.

The Government's part ... will be to issue broad guidelines on objectives and balance. The ... ment of these must be ... on a sampling basis and ... as an important function of the Assessment of Performance ... Guidance on specific content ... subject areas must come ... specialist working parties which the Secretary of State should set up. The vital task of implementation must then be left to the local authorities who, with their own ... will undoubtedly need to ... in more detail within their areas.

Legislation will neither be desirable nor needed. Nor need we ... another year gathering information on what is happening now. A ... of such information already ... in the files of Her Majesty's Inspectorate and local authority advisers.

Let us look forward to what we want to achieve. A national consensus locally implemented ... monitored at both levels will disturb the unique partnership which constitutes our educational system. It could make the partnership more vigorous and, given community support, could ... the already large number of ... where realistic and ... courses are pursued with ... rigour in learning and teaching.

Letters to the Editor

Union inquisition

Sir,—Jack Hendy's advocacy of the closed shop is frankly alarming (June 10). This new apostle of intolerance shows how similar in spirit are the new zealots of the materialist left to the old fanatics of the theological right.

Members of the National Association of Teachers in Further and Higher Education under interdict of excommunication might soon learn that they, like the faithful of old, might suffer more than spiritual embarrassment.

At present the conscientious objector to strike action is liable to expulsion from his union. Under the closed shop, however, he will suffer more than the loss of communion with his pedagogic brethren. Agreements with authorities to employ only NATFHE members in their colleges of further education could result in the bizarre situation where l.e.a.s are forced by the union to sack lecturers for not going on strike against them.

It is, of course, the authority which will do the actual sacking, not the union, but it was the secular arm not the Grand Inquisitor who lit the faggots.

TREVOR COX,
19 Turnpike Link,
Croydon.

Eyeing right

Sir,— ... (June 3) was of ... interest to us at this school ... we have been using eye ... for five years with remedial ...

We believe that failure ... ordinate the eyes for fine ... ments is an indication of ... the cortical development which should take place at the age of 18 months, and ... springs from earlier failure ... pons and mid-brain levels ... development at about six ... and one year respectively.

DONALD RYDER,
Wollaston School,
Near Wellingborough, Northants.

More letters, pages 14

Mrs Williams's shaky ground in Cabinet fight for 16-19s

by Auriol Stevens and Mark Jackson

Only a general commitment to improve educational maintenance allowances is likely to be made when the government announces its decision on the Holland scheme for jobless school leavers next week.

This was the most Mrs Shirley Williams, the Education Secretary, could hope to achieve when the subject was discussed by the Cabinet yesterday. She was counting on the Prime Minister's personal concern, since none of the proposals put forward by her department was approved by the Cabinet committee which discussed them last week.

The Cabinet had before it the proposals of the Holland committee to pay £16 a week grants to unemployed young people on approved education, training, and work experience programmes. Its decision is likely to be announced when the subject is discussed by Mr Callaghan with the EEC Council of Ministers who meet in London next Wednesday. That will be the last meeting of Britain's year of chairmanship. There is a possibility that some of the cost of the Holland scheme might be met from The European Social Fund.

The Department of Education and Science has been making the case for improved grants as a complement to the Holland report, pointing out that to introduce substantial allowances for unemployed youngsters without improving grants for those in full-time education could have two undesirable effects. First it would provide an incentive to leave school. Second it would make a return to full-time education after a period of participation in one of the Holland schemes extremely unattractive.

The Holland committee recommends a grant of £16 a week plus £2 travel allowance for anyone accepted on to one of its programmes—about 130,000 places of various kinds might be provided. Education maintenance allowances, which are means tested and paid at local authority discretion, vary widely but do not average much over £2 a week.

The DES has costed a range of provision from matching the rate of supplementary benefit now available to unemployed teenagers (about £9 a week) up to matching the proposed Holland grants. It was the paper setting out these sums which failed to gain support from the Cabinet committee last week. Nor would the committee agree to a general statement in favour of reviewing the allowances with a view to improving them next year.

To match the Holland proposals with grants for all those staying in full-time education would cost £150m a year. It would, the Department estimate, bring an extra 100,000 pupils into full-time education with consequent effects upon capital costs. This, it concludes, would at best have to be seen as a long-term proposal for consideration if and when the economic climate improves.

In the short term, therefore, the DES proposes a less comprehensive scheme based on the Scottish model. Maintenance grants would be discretionary and means-tested but they would be paid on a uniform national scale. This would provide £9 a week for 16 and 17-year-olds at school, £11 a week in further education, and £14 a week for 18-year-olds in school, £16 in further education.

This would, the DES estimate, cost £24m in grants and £40m in additional cost of buildings and staff. Those figures are based on an assumption that such grants would attract 20,000 more pupils to schools and another 20,000 to further education. The Scottish scheme at the moment sets £5 as the maximum education maintenance grant.

Parity with Holland is favoured by the DES working party on the under-19, an offshoot of the joint DES/l.e.a. expenditure steering group on education. The local authority associations (where education is weak), however, made it plain when they met Mrs Williams on June 1, that although they agree with the working party that there must be no discrimination between the sixth form and further education students, they oppose any attempt to match Holland because of the cost.

Local authority associations are also unenthusiastic about any scheme which might be financed by specific grants. The DES is known to favour financing maintenance allowances in this way in order to overcome Treasury objections that there would be no guarantee that the money would be spent as intended.

The National Union of Teachers announced today that it will call on this year's Trades Union Congress to provide grants "on a basis comparable to the Holland report" for all those staying in full-time education after 16. Mr Fred Jarvis, the general secretary, described the existing level of educational maintenance allowances as pitiful and said that the attitude of the DES and the local education authorities towards them had been "a national scandal" for more than a decade.

Leavers force up unemployment

School leavers registering as unemployed last month pushed the United Kingdom jobless figures up to 1,450,055.

The Department of Employment announced this week that an extra 104,002 young people were unable to find work after leaving school in May and early June. This increase nearly matches the rise in total unemployment and takes the jobless young people statistic up to 149,080.

Another 400,000 youngsters will be looking for work this summer and just over half are expected to figure on the unemployment register. Students seeking vacation work and registering for benefit if they do not find it will also swell the totals, if only for one or two months.

Vacancies for school leavers notified to careers offices fell by 5,440 to 27,577. The worst affected region was Northern Ireland where 11.2 per cent of the working population was unemployed. Scotland and the North followed with 8.6 per cent, Wales, 7.6 per cent, North-west, 7.5 per cent and the South-west, 6.7 per cent. The least affected area was the South-east with 4.4 per cent. The national average is 6.2 per cent.

Strike—NUT acts on jobs

continued from page 1

leaflets, open letters to parents, posters and car stickers. A special office is to be opened in Oxford to handle the campaign.

Mr Jarvis, general secretary, said this week: "This strike action marks a major development in the NUT's action against expenditure cuts. We have of course been mounting action in a growing number of places, including Oxfordshire, but this is the first occasion on which union members have been asked to withdraw their labour.

"It therefore represents the strongest action yet taken by the union and this in itself is an indication of how seriously we regard the damage being inflicted on Oxfordshire education by the local authority. This is the first time we have had to take action of this kind. If there is no settlement then the action will continue after the summer break.

"Now that they can see we are in earnest and we do mean business, we hope they will at long last try to reach some agreement with us. We have no alternative and it is up to them to take some steps to meet us. This should be a warning to other authorities."

Although the union has ample reserves to stretch the strike for up to two years, it is a distinct possibility that members will be instructed to go back to work on the last day of the summer term so that they can be paid by the local authority for July and August.

It would be madness for the union to hand out strike pay during the summer holiday when the effects of the action will be minimal, but the authority is unlikely to take kindly to this ploy.

The only glimmer of hope of averting the strike is an appeal to the national disputes machinery. Mr Streetfeild expects conciliation to come at national level but the union has pointed out that if the disputes procedure is operated, the county will have to return to the status quo and rescind the cuts.'

This attitude is not shared by Oxfordshire. Although the county agrees that the status quo clause in the agreement exists, there is disagreement about its actual timing. The decision to cut the budget was taken in February and the union only declared a dispute by taking industrial action in June. If the county had to revert to the position at the time trouble flared up, the cuts would still be in operation.

Both sides are willing to have further talks but if nothing is done in the meantime, it is clear that thousands of children will be starting their summer holidays early.

The Assistant Masters Association said this week that it too was in dispute with the authority and members were refusing to stand in for absent teachers in 30 secondary schools.

"We will not do any extra work as a result of the NUT strike," a spokesman said. The National Association of Schoolmasters-Union of Women Teachers will also instruct its members to work normally and not undertake extra duties.

The National Association of Head Teachers met the leaders of the authority this week to discuss the NUT action. Mr Derek Bost, executive member of the NAHT for the region, said: "We would not want to do anything to undermine the union's action. Heads will have to decide whether to keep schools open by sending children home on a rota."

ILEA moves to muzzle the White Lion's roar

by Owen Surridge

End of term may also see the end of London's White Lion Free School following an ILEA Labour group decision not to provide the funds the school urgently needs if it is to survive.

After the caucus meeting Sir Ashley Bramall, leader of the ILEA, admitted that the authority had no plans for educating the 40-odd children involved although it is known that they would have difficulty fitting into ordinary schools.

The final decision rests with the ILEA schools sub-committee, which met yesterday after the *TES* had gone to press and although there is mounting pressure to counter the caucus decision opponents are not optimistic. Political decisions of this nature are rarely changed.

Their hope stems from the fact that the decision was very close—12 votes to 10, with Sir Ashley abstaining and the absence of Mr Harvey Hinds, another member of the group.

Mr Peter Newell, one of the prime movers behind the school, rushed back from the school's summer camp at Crantock, in Cornwall, to organize the fight for survival. He told me: "If the ILEA fails to support us there is no solution other than a magic person with £20,000. We shall just have to close at the end of term. The parents and the children are shocked and they cannot understand the decision." He emphasized that the free school would do its best to see that its children were placed with other schools.

One quarter from which he may get help is the Conservative Opposition on the ILEA. Mr Robert Vigars, its leader, said he thought the school merited support. "It is doing a job of work for the most anti-social type of child, and while the local authority does not make provision for them we would not be happy to see it discontinued, although in the opinion of some the school has not done all that it might in trying to get the children back into ordinary schools."

Another supporter was Mrs Anne Page, a member of the Labour group and of the ILEA sub-committee who said: "If this does mean the end of the school I shall be terribly sad. A school like this does offer opportunities for alternative thinking outside the mainstream." She said the people who ran the school were grappling with real inner city problems and deserved support.

The White Lion Free School is asking the ILEA to underwrite all its educational activities, an estimated £27,000 out of an annual budget totalling some £40,000. The authority already pays £2,000 a year towards the cost of school dinners and for youth activities in the evening. The school claims it is asking for no more than the amount the ILEA would have to pay if it was providing education for the children in the normal way.

The Labour group's decision appears to have gone against a recent plea from other Labour members and from the opposition party to develop a more flexible attitude to the school. Since many of the children involved have already been rejected by ILEA schools it is feared that many of them will not find places. As we go to press their fate hangs in the balance.

MPs oppose meal price rise

The Government was urged by 119 of its own backbenchers this week to withdraw the proposals for a 10p a day increase in the price of school meals due to take effect in September. Signatories to a House of Commons motion to this effect represented all shades of opinion among Labour MPs.

The motion said the increase should be withdrawn as it would undermine the value of the child benefit scheme, cause hardship to families of working people at a time of high inflation, undermine the school meals service, cause more unemployment and damage children's nutrition.

Cash to tackle delinquency

The Government is to establish a small fund to help people running schemes for juvenile delinquents, Mr David Ennals, Secretary of State for Social Services, announced this week.

Mr Ennals was speaking at a seminar organized by the Department of Health and Social Security to discuss progress in "intermediate treatment", a broad term covering different kinds of community-based attempts to keep children out of trouble. Over 300 social administrators, social workers, teachers, magistrates and police attended.

The consensus of opinion at the seminar was that community treatment is more effective than residential care in dealing with trouble-makers and law breakers.

Speakers from the London borough of Haringey said that they had had a good success rate with the 500 children involved in their intermediate treatment programmes since 1973.

ANNOUNCEMENT

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Mean l.e.a.s slammed over poverty grants

by Bob Doe

Inadequate grants for hard-up 16-year-olds who stay on at school mean they are better off drawing dole than trying to improve their qualifications, says a report this week from the Child Poverty Action Group.

The CPAG wants grants for all families who qualify for free school meals amounting to £18 a week for each child staying on after the age of 16 and £60 a year for each child towards the cost of uniforms and sports clothing.

The survey in 35 different areas discovered able children who had to leave school because their parents could not afford to keep them on and younger children who missed lessons because they did not have proper uniforms or school shoes.

The group says local authority grants are either too little or non-existent and often so degradingly administered that some parents would not apply for them. Some l.e.a.s had marked Jubilee week by cutting out this assistance altogether in spite of the Government's pledge that the worse-off would not be hit by public spending cuts.

Maintenance allowances were "varied and meagre". They fell far short of the standard suggested by the Weaver report on education maintenance allowances 20 years ago, which was never acted upon.

The maximum allowance of each local authority varied between about £2 and £4 a week. The CPAG compares this to the £9 a week a 16-year-old could draw on the dole and the £18 proposed for those who go into training under the proposals of the Manpower Services Commission's Holland report. It amounts to the Government boosting youth unemployment, the CPAG claims.

Families had to be extremely poor to qualify for anything at all from these maintenance allowances. Only a few authorities, for instance, pay the maximum to those on "the official poverty line", those drawing supplementary benefit or family income supplement.

Payments were often delayed for as long as three months or made at the end of term rather than the beginning, "a clear contradiction of the concept of maintenance", the report says.

The most common procedure with uniform grants was to offer help every two years with sums varying between as little as £10 in Liverpool to £30 in Bromley and Dorset. The average was £18 (or £9 a year) "less than the cost of a blazer". A full uniform could cost £70 or more.

Once again parents receiving supplementary benefit or family income supplement were often considered too well off to qualify. One Kent mother wrote to the CPAG wondering if her l.e.a. had ever had anyone poor enough to qualify for a grant.

The CPAG found no authority who handed out money for uniform. Most used a voucher which could only be exchanged at certain shops. One Cumbrian father complained to the CPAG, "I had to submit to public humiliation to get the items, go to the shop specified, with a chit". For a Middlesex mother once was enough after she found herself shopping with her chit in Marks and Spencer under the supervision of one of the shop staff. She never asked for help with her son's uniform again.

Another mother from Kent complained that an officer from the education authority had accompanied her to the shops. She felt like a "criminal", she said.

In spite of inflation few allowances had been increased lately, and Birmingham, Leeds, Knowsley and Warwickshire have scrapped their uniform grants schemes. Leicester has cut its by half, Barnet was now rejecting claims because it was not prepared to spend any more, Berkshire was waiting three months from the date of any claim and Humberside has abolished grants for children under 11.

All five to 16-year-olds should be eligible for a means-tested clothing grant of £60, the CPAG says. A weekly allowance of £18 should be available "to rescue youngsters from the dole queue". "We believe that children from low income families should not be penalized if they chose to stay at school to improve their qualifications", says the CPAG.

Battle Royal—another look at school clothing and maintenance grants. Available from CPAG, 1 Macklin Street, Drury Lane, London WC2B 5NH, price 52p.

PERSONAL COLUMN

Gerry Fowler

Validation invalidated

Recent years have seen the invention of a new industry in Britain. It is called "validation". The first company to move into this expanding area was the Council for National Academic Awards (CNAA).

It has been followed by TEC and BEC, and most recently by those universities concerned to support former colleges of education within their areas in the mounting of new courses of higher education. Unhappily, the industry seems not to be profitable to the nation.

It is certain that we cannot go on like this much longer. What was once merely a bad joke in the polytechnics has become a constant grumble throughout the whole of the post-secondary sector, except of course for the universities. Delays in inspection and validation grow ever longer. More and more effort is devoted to the revamping of courses rejected at their first submission.

The theory is, of course, beyond question or quibble. It is right and proper that academic standards should be maintained. That cannot be ensured better than by external validation. Further education courses must be rationalized: TEC and BEC, seeking to implement the Haslegrave principles, are the indispensable vehicles of change.

Colleges of education must diversify into new academic areas: to secure approval they must go to CNAA or their local universities. Not only will all be well, but, more important, all will be seen to be well.

Unhappily, practice does not always accord with theory. TEC's own criteria are now questioned; the joint committees responsible for certain engineering HNDs have decided to maintain their courses in being for the foreseeable future because of dissatisfaction with the TEC alternatives. Colleges of education find their new courses repeatedly rejected.

Even in polytechnics, now well established, effort has to be devoted to the presentation in a new guise of courses first approved many years ago. CNAA is coming: polish your boots, blanco your belts, and paint the grass green.

The source of the trouble lies in the British system of educational administration. The DES (or in Scotland, SED) is responsible for devising national policies. There shall be polytechnics, colleges of education shall diversify, and technician courses shall be rationalized. But the l.e.a.s shall find the money for new buildings and equipment, for expanding and modernizing libraries, and for employing new staff with the required expertise. The ultimate approval of courses shall reside with bodies independent of both the Department of the l.e.a.s, operating through committees composed of academics selected in an ad hoc fashion.

To divorce policy from finance, and both from validation, ensures that nothing shall happen which is not acceptable to all the partners in the system. But it is a dubious style of management. It makes no sense that courses should be rejected (properly) because the l.e.a. has in given economic circumstances not been able to buy the books essential to the course.

It makes equally little sense to approve a college for a stated number of places in general higher education (the jargon for anything other than teacher training), without examining the expertise of the staff to teach other than teacher education courses.

When colleges, having failed to secure approval from CNAA, turn to a university, they sometimes (not always) find the going easier. The inspection of physical facilities, of the range of the library, of the expertise of the staff may be less rigorous. The university agrees to validate the course submitted. Resentment is caused in other institutions, and the academic standards of universities when they are operating extramurally are questioned. Sometimes this is unjust.

It may be that a university, through long connection with a college, may be in a better position to pass rational judgment than a CNAA visiting panel. But justice is not seen to be done.

Meanwhile, further education colleges, having long taught a familiar syllabus, are required to devise another in accordance with uncertain ground rules, and to submit it for approval. There are no extra resources, and no new staff. The DES, the policy having long been proclaimed, takes little interest. It is impossible to believe that teaching does not suffer.

He who wills the end must will the means. There can in the long run be no escape from a system of specific grant from the DES to local authorities for the development of their colleges. Equipment, libraries, and staff expertise do not grow on trees. They have to be bought. Without them, the present system is geared to the maintenance of academic standards only in a negative sense: what is below standard is refused approval, but no effort is made towards the positive development of what the department publicly proclaims to be desirable.

Nor can the Department forever maintain its distance from the validation process. Not only are there too many validating bodies, but there is a total absence of central guidance to them. What is the object of the various exercises, and how is it to be achieved? No one knows—and I suspect it is because the Department does not know.

DES administrators notoriously know nothing of the content of education. But the Inspectorate does. If it does not know enough, it is high time it was strengthened to enable it adequately to advise the validating bodies—and the colleges and their increasingly distraught staff too.

Ramps would make life easier.

Have wheels, can't travel

Six students at Bretton Hall College, near Wakefield, spent last weekend nursing blistered hands and aching arm muscles after spending 10 hours a day of the previous week in wheelchairs.

The exercise served a number of purposes. The students raised money for Action Research for the Crippled Child (fellow students sponsored them by the hour), they highlighted the problems of movement and access faced by disabled students at most colleges and universities and they will report to the college governors on the feasibility of admitting disabled students to Bretton Hall.

Action Research welcomed the project because it has been concerned at the lack of response to the National Union of Students' report, *The Disabled Student*, which they financed in 1975. So far, most institutions of further and higher education have failed to honour the obligations placed upon them by the Chronically Sick and Disabled Persons Act to adapt their buildings for the handicapped.

Mr Julyon Felton, a drama student from the New Forest, Hampshire, who organized the scheme, thought the college could easily take wheelchair-bound students with very little cost. A few ramps were needed and a lift would have to be installed which was not that expensive.

Other improvements could be made merely by putting doors on the other way round. Conscientious cleaners would have to be restrained though, as highly polished sloping floors were difficult to negotiate.

Diane Spencer

Public schools go it alone on standards

To save money the Government is ending arrangements for giving "recognized as efficient" status to public schools. The independent schools' own organization is considering what it can do instead to set and maintain standards.

Last week in the Commons, the Education Secretary, Mrs Shirley Williams, announced that "as part of the reductions in Civil Service manpower I intend to discontinue from next April the present arrangements for the recognition of certain independent schools as efficient."

Inspections for this purpose would no longer take place though inspectors would be available to help the Independent Schools Joint Committee to set up their own system. Independent schools will still be required to register with the Department of Education and Science and be subject to normal inspections.

Lord Belstead, chairman of the Independent Schools Joint Committee, said they very much regretted the Government's decision but accepted the need to save manpower. Recognition was a valuable way of maintaining standards and providing goals to those schools not yet recognized. About half the 2,400 independent schools are recognized.

Anxious to maintain the link with the Department, the committee wants to set up a joint committee with HMIs to monitor an alternative scheme to be devised by the ISJC.

Clay health hazard warning

Most of the clay supplied to potteries contains small quantities of a substance that causes a lung disease, according to a school clay supplier.

The hazard comes from microscopic particles of silica (silicon dioxide, not silicon as it was mistakenly described in the TES of April 1). When the clay dries, it can give off a pernicious dust harmful to the lungs and those most exposed to it in schools would be the technicians or teachers who spend a lot of time in pottery studios.

Mr H. Fraser of Potclays Ltd, Stoke on Trent, said this week that most of the clay supplied to schools contained small natural quantities of silica (less than 1 per cent), though nothing like the 10 to 15 per cent some industrial white clays have added to them. The large particles of silica added to school clays in the form of quartz sand were not a hazard unless the pot was smoothed off or "fettled" after it had been made.

Mr Fraser claimed that generally schools with established pottery departments knew it was dangerous and illegal to create clay dust and took suitable precautions. But the government health and safety inspector, who originally raised the question of dust in school potteries, says the inspectorate has not always found schools come up to the necessary standards.

Mr David Phillips, a factory inspector who carried out a survey of safety standards in schools and colleges in the North-west recently, said that precautions were required in the pottery industry for handling silica clays—such as exhaust ventilation and washing working areas daily.

CASE calls for closure of small primaries

The Westminster branch of the Campaign for the Advancement of State Education wants to close down at least 25 primary schools in the London boroughs of Camden and Westminster. Falling pupil numbers will mean that some schools will become too small to offer a proper education, the group believes.

The Inner London Education Authority's policy is to keep open as many schools as possible, sharing out the empty places among them. Large primary schools would have fewer classes but the small schools would shrink too much, CASE says in a pamphlet published this week.

With the primary school population falling by up to 46 per cent between 1970 and 1985, the authority announced last year that it planned to cut the size of larger schools. CASE says this policy is wrong.

No account is taken of the uneven geographical distribution of schools, the group says. The pamphlet also claims the authority has not considered the implications of staffing small schools. There are many cases where one primary school could be closed leaving another nearby "without having any significant effect on walking distance", the pamphlet says.

Most of the schools picked for closure are church schools. There are 34 Church of England schools in the area and all of them are one-form entry or less. Half of the 19 Roman Catholic schools fall into this category. Only six county schools are one-form entry.

A spokesman for the ILEA said this week that the authority's policy was to close as few schools as possible. "We are committed to the small neighbourhood primary school. Our target for class sizes is a maximum of 30." No pressure had been exerted from teachers to close schools the spokesman said.

Minister puts the squeeze on seven rebel authorities

by Owen Surridge

Reluctant comprehensive reorganizers this week received another prod from Mrs Shirley Williams. The Education Secretary is pushing for Tameside to submit its proposals and for Sutton, Trafford, Kingston, Bexley, Redbridge and Buckinghamshire to send in their changes.

The letter to Tameside says Mrs Williams is "perturbed" by the failure to submit proposals and stipulates that "the duty laid on the authority must be carried out with all speed". She says it should have been possible to comply with the time limit laid down and calls for a detailed progress report by July 12, including information about the alternative schemes for secondary reorganization that are the basis for discussion in the area.

Tameside is the only one of the eight reluctant reorganizers which has not met the Education Secretary's deadline. Mr Donald Thorpe, chairman of the Tameside education committee, said afterwards that although the tone of the letter was reasonable it might not be possible to give her the full proposals by the date required because there was still much work to be done. He added that Tameside had carried out the most extensive public consultation ever in arriving at its conclusions.

Mr Brian Sams, a member of Bexley's education committee, said that although the DES had rejected the council's proposals for a combination of 11 to 16 school and sixth-form colleges and 11 to 18 schools with tertiary colleges, it did not say why the scheme put up was found unsatisfactory.

"It means we are stuck either with the existing schools or we must change to a middle schools system, which we consider educationally unsatisfactory. The letter calls for abolition of selection by 1981, with a start in September 1978, instead of 1990 as we had planned. We want to comply with the law but it will not be possible even to make a start before September 1979 at the very earliest."

He said the Secretary of State's letter would be checked to see whether she was overstepping the mark legally and to ascertain just how much power she had to enforce proposals. "She seems very keen on tertiary colleges", he said.

Mrs Williams says the authority's plan to start in 1988 is too late and claims it is unnecessary to wait for all schools to be ready for the change before making a start. She has given the authority four months to send in further proposals.

In a letter to the London Borough of Redbridge she "notes with satisfaction" that the borough is to eliminate selection in all but two schools in September of this year and asks for a firm date for the abolition of selection. Buckinghamshire has received a reminder that it is under an obligation to supply proposals for complete comprehensive reorganization by July 28. Mrs Williams has told Trafford, Sutton, and Kingston that she wants to meet them with a view to getting their schemes ratified and implemented "with all speed". Essex is expected to get a letter as soon as its scheme has been considered in detail.

Mr W. J. Daly, chairman of the Kingston education committee, said "I am surprised, really. It is a very general letter and no bombshell. We will talk about it but as I have only just had the letter I cannot say anything more."

Mr George Knox, chairman of Sutton education committee, said he had not seen the letter but he knew of it and he was calling an early meeting to consider it. "I hope it is constructive", he said. "We are absolutely sincere and serious about wanting to consult all schools affected and we cannot believe the Secretary of State would want us to act without proper consideration."

17,000 pupils play for the Queen

The act that caught Prince Philip's eye. These children (above) were part of a massive, open-air musical pageant laid on for the Queen during her Silver Jubilee visit to Liverpool on Tuesday.

The pageant was performed by 17,000 children drawn from 164 of the city's primary and junior schools. They had been rehearsing for months and were brought into the city centre by a fleet of 400 buses.

The eight-scene opera *The Valley and the Hill* is based on the 23rd Psalm and was composed for the occasion by the Master of the Queen's Music, Australian-born Malcolm Williamson. It was commissioned by the local education committee with the Merseyside Arts Council and Radio City, the local commercial station, virtually without cost to the authority because of grants and is expected to be used throughout the Commonwealth during Jubilee Year.

The opening scene took place in Liverpool at the Roman Catholic Cathedral of Christ the King, and then the pageant went into the streets on a brilliantly sunny day where six more scenes were enacted. This was on stages built at convenient stopping places along the street appropriately named Hope to the final setting in the Anglican cathedral half a mile away. More than 20,000 spectators watched the Royal couple.

The scenes represented the four seasons in colours of green, red, gold and blue passing through the Valley in the Shadow into Beyond the Sun and the Moon, up the steps and into the cathedral.

The Queen later told the producer Mr William Bursell, drama lecturer at the Mabel Fletcher College of Further Education, how much she had enjoyed the performance and the acting of the children. Liverpool's Director of Education, Mr Kenneth Antcliffe, said: "It reflected great credit on the teachers and the children did Liverpool proud."

'Prepare kids for parenthood'

Six children a week in England and Wales are beaten to death, 3,000 a year are badly hurt and another 40,000 a year are injured. These figures come in the report of the Select Committee on Violence in the Family published last week.

It says that stress in the family and social isolation are the main causes of violence and cruelty to children. The committee wants much more done to prepare teenagers to be good parents. Schools should teach them what young children are really like and not confine themselves just to abstract lessons in the "facts of life".

Schools could also be used for mothers and toddlers clubs in which teenagers could be involved. No child should be allowed to leave school with the sort of idealized view of family life peddled in television commercials and advertisements.

The committee also says that a much greater sense of awareness and responsibility about family violence is needed in the community at large. Local authorities must play their part by building up their pre-school services, including day care, and by installing 24 hour emergency telephone lines.

The most common "baby batterers" are young mothers, mothers who have been prescribed tranquillizers by their doctor and parents who were knocked around themselves as children.

Violence to Children. First Report from the Select Committee on Violence in the Family. HMSO. Price £1.35.

Last fling for big science?

A neutron beam facility costing £11m has been approved by the Government this week—but it could be the last fling for big science research in Britain.

The Spallation Neutron Source (SNS) is to be built at the Science Research Council's Rutherford Laboratory in Oxfordshire. It should prove an unrivalled tool for research into the structure and properties of solids and liquids. There will also be medical and industrial applications.

Building the SNS is financially feasible only because other laboratories are closing down and can be easily converted to house a high intensity neutron source. Otherwise it would have cost a prohibitive £35m to build from scratch.

But Sir Sam Edwards, Chairman of the SRC, warned that the council had now gone as far as it could in cannibalizing the expensive facilities built up at the Rutherford and Daresbury laboratories in the 1960s.

Rutherford staff greeted the Government's announcement enthusiastically when it was made by Mr Walter Ulrich, deputy secretary at the DES, [illegible] the laboratory's new high power laser. Hundreds of highly skilled scientists and technicians might otherwise have lost their jobs.

In a message, the Education Secretary, Mrs Williams, said: "This must be one of the largest projects to be undertaken in this country for a long time and it promises to take the United Kingdom to the forefront of research involving the use of neutrons. It is an extremely good bargain."

Rutherford scientists expect experiments with the SNS, due to start at the end of 1982, to lead to immediate advances in physics, chemistry and biology.

Intense bursts of neutrons (30 million billion per second) will be produced in the SNS by bombarding a uranium or tungsten target with high energy protons. The way these neutrons are scattered or absorbed by materials put in their path will give scientists new insights into their internal structure.—*THES*.

Technology teaching boost

A noticeable increase in the number of teachers interested in teaching technology in schools has been recorded by the National Centre for School Technology in Nottingham. The centre's director, Mr Geoffrey Harrison, said this week that the number of inquiries from teachers had more than doubled in the last year. "We are filling vast books with records of telephone inquiries."

At Trent Polytechnic this year the centre starts an in-service degree for teachers in Technology for Schools. It has already attracted more than 500 inquiries, and good applicants are having to be turned away. A recent NCST conference attracted 200 teachers, and sales of publications and equipment developed by the centre have increased. Each book in one series of five electronics books has sold 5,000 to 7,000 copies.

The latest *School Technology* journal, published this week, includes a copy of a letter sent to Mrs Shirley Williams by the School Technology Forum. It warns that talk of a common core curriculum, teacher shortages and lack of money could mean that some schools and local education authorities would concentrate only on literacy, numeracy, a modern language and pure science, leaving out technology.

Boys and girls must be given experience of technology if they are to be motivated to undertake the training and responsibility that would enable Britain to survive into the next century, it says. "We submit that this motivation comes about through personal experience of the satisfying creative activities of engineering and technology, not merely by studying science, mathematics or even craft."

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Answer to CNAA maths poser

A four-year course for all maths students, whether they are doing an ordinary or honours degree. This might be one way of solving the problem of getting enough maths training on the timetable of Council for National Academic Awards BEd maths courses.

According to Dr Edwin Kerr, the council's chief officer, the average number of students on the CNAA maths courses last year was 6.6. Maths was not the worst, however, with only 5.5 the average for science students. But compared with English, where the average was 26.6, the maths figure was very low.

Dr Kerr told a course organized by the Institute of Mathematics that the CNAA believed the minimum length of maths courses should be 100 contact hours. He regretted that some had been approved which had less than this. However, when the CNAA looked again at these courses for first and middle school teachers it would pay much more attention to this aspect.

The difficulty he saw with a four-year course for everyone would be cost.

Sister Dorothy Bill, principal of Digby Stuart College, now part of Roehampton College of Higher Education in London, questioned the view that O level maths should be no entry requirement for intending teachers.

This proposal is likely to be put forward in the forthcoming Green Paper on education. Sister Dorothy said she feared this would encourage schools to concentrate on getting children through O level rather than giving them a true understanding of maths.

"If we are not careful we may be deterring good candidates from coming forward because their own secondary school teaching in mathematics has been poor."

The main object of a college mathematics course was to change the attitude of students to the subject. She said 59 per cent of those wanting to teach in primary or middle schools who entered her college in September had not passed O level mathematics. Many people arrived at college thinking they could avoid teaching mathematics in schools altogether.

Professor C. W. Kilmister, of King's College, London, said that considerable discontent was developing in the university over its lack of control over the content and assessment of mathematics courses in the colleges.

The Mathematics Board of Studies did not believe it was enough to train people to teach. They also needed to know some mathematics. If courses failed to live up to expectation, the board would have to review the whole question of university validation for them *THES*.

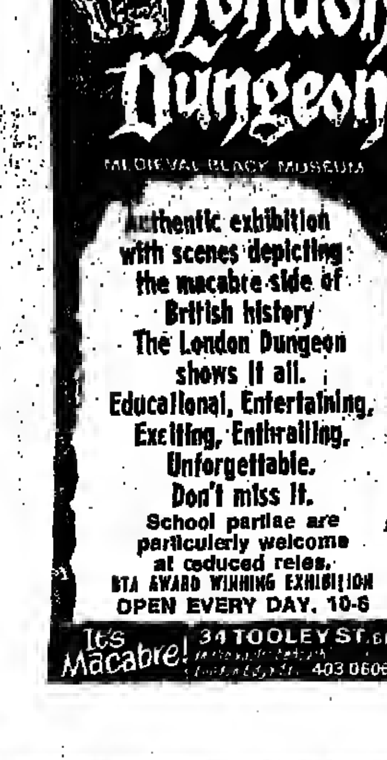
Walker: "resentment fear"

Help black pupils—call

A former Tory cabinet minister called on the Government last week to take special measures to help black schoolchildren. In a letter to Mrs Shirley Williams, the Education Secretary, Mr Peter Walker, MP for Worcester, warned that "massive truancy linked with massive unemployment is causing massive crime, which, in turn, will create massive racial prejudice."

It is the second time Mr Walker has warned the Labour Government about the likelihood of a drastic deterioration in race relations. In his letter he accuses the Government of complacency and links it with their fear of "resentment of the positive discrimination in favour of the black".

But, he says, there must be positive discrimination in favour of people who have language and social problems. Without more resources, problems like black crime would increase and the National Front would be among those groups to gain political capital out of it. It would draw new recruits from every incident of mugging.



White Paper plea for more inner city staff

by Frances Studien

Extra teachers and a school building programme to help inject new life into areas of urban blight are envisaged in the Government's White Paper on inner cities published last week.

Liverpool, Birmingham, Manchester/Salford, London's dockland, and the borough of Lambeth are among the select few authorities invited to take part in the latest drive to regenerate inner areas.

"Special partnerships" are to be formed in which central and local government, official bodies, the private sector and the local communities involved must, according to the White Paper, work together to halt the decay and decline.

Too many children from inner cities, it says, reach school-leaving age without being able to read, write, or handle figures well enough to hold down decent jobs. The prospect of unemployment makes it hard for some of them to see the point of school and many play truant or misbehave as a result.

Ways of helping schools that contain a higher than average proportion of disadvantaged children could include drafting in extra staff to cope with special needs (such as those of ethnic minorities) and more in-service training in the problems of teaching in urban schools.

The White Paper acknowledges that schools and colleges have an important role in deprived neighbourhoods. Those in old, cramped sites need to be modernized or replaced and all of them should be more accessible and useful to the community as a whole.

Better coordination of services for children under school age, more support for youth and community services, and an improved education welfare service are also recommended.

The funding of these and other initiatives is not specified but, in general, the rate support grant is to remain the principle source of cash for urban renewal.

As a back-up, however, the urban programme grant is to be stepped up from a total of £30m a year to £125m in 1979-80. It is also to be extended to cover industrial, environmental, and recreational programmes as well as specifically social projects.

The Government's analysis of urban decline is based on its earlier programmes such as the Inner Area Studies and Educational Priority Areas. It pinpoints economic collapse and the lack of private investment as the major factor in the poverty, bad housing and physical decay of the inner cities.

The White Paper stresses the need for comprehensive and coordinated action rather than a piecemeal approach. Local authority services in particular should work more closely together.

Changes in manpower and training policies combined with a housing programme would help to reduce the mismatch between people's skills and the kinds of jobs available. New towns should take some of the unskilled, unemployed, old, sick, and disabled people who have settled in the inner cities in disproportionate numbers.

Policy for the Inner Cities, Cmd No 6845. HMSO. Price 60p.

Sladebrook report 'offensive'

Brent education authority's equation of low ability with racial origin or a poor working class background in its report on Sladebrook Comprehensive is "deeply offensive", says the Society of Immigrant Teachers.

In a memo sent to, among others, the new Commission for Racial Equality, teachers' unions and Brent council, the society says that if the "top brass" in education thinks that low ability is common among poor and racial minorities (the "lesser beings in the hierarchy") are likely to be influenced and to follow their lead—with serious consequences.

"No wonder", the memo says, "that such a disproportionately large number of coloured pupils end up in educationally subnormal schools and immigrant teachers largely remain a second class working force in the education industry".

There is no proof, says the memo, that low ability is innate in certain races, though one "can understand that because of lack of facilities, opportunities, bad schooling and a poor environment, many pupils under-attain and so remain underachievers".

Deadlock in 'dirty money' talks

Talks were held last week on ending the so-called "dirty money" payments teachers get for working in deprived areas. Local authorities, which pay out the social priority schools' allowances, want to run down the system to release money for spending in other ways.

But teachers are arguing that the allowances should continue to be paid to those who already get them while more money should be made available for helping disadvantaged children.

The talks, in the Burnham Committee came to no conclusive agreement but it is likely that teachers and authorities will meet again at the DES.

At the moment, £13.64m is spent on the allowances which are worth £201 a year rising to £276 after three years in a priority school. Nearly 57,500 teachers get the extra payments which were introduced to effect stability of staffing in mainly inner-city areas.

It was argued that teachers would be more likely to stay in difficult schools if they were given a cash incentive. But many teachers now feel that the money should be spent on extra equipment and materials in the schools.

The National Union of Teachers conference in April decided that positive discrimination in favour of social priority schools should take the form of increased staffing and resources. The allowances, the conference decided, should be stopped if the new policy was introduced, but all those teachers currently claiming them should continue to receive them.

At last week's meeting of the Burnham Committee, the management side did not think the union's attitude was helpful. The local authorities are concerned at the rising costs of the scheme which, when it was first introduced added an extra £10m to education budgets.

The three-way talks between unions, employers and government were proposed because the Burnham Committee, strictly speaking, is not responsible for deciding the future of the system.

Bob Doe joins a cross-Channel invasion

'Parlez-vous Awayday . . .?'

Parlez-vous Awayday with British Rail? At least 25,000 schoolchildren will have done so in Boulogne by the end of this summer term. The Folkestone ferry last week was full to the gunwhales with them.

Sealink is packing them in for the day-trip excursion which allows four hours abroad after a journey lasting as long from London. As many as 900 of the 1,000 places aboard the ferry are taken up by schoolchildren on some weekdays. There were some complaints about this from the other few passengers last week. It was as though children were the invention of schools rather than the creation of parents.

The approach to the French coast was announced by a chorus of "bonjour, monsieur" from eager young francophones hailing any French fishing craft that ventured within a kilometre or two of the ship. The gangplank down, they swarmed ashore and before they even left the dockside some were filling in worksheets or hounding puzzled looking Frenchmen. Others, with more self-directed itineraries, were off to get to grips with some serious shopping or to sample the local talent.

One seasoned Awayday teacher said flick knives, bonze and "bangers" were the least desirable purchases (or the most, depending on your point of view). The knives were illegal in Britain and children were not allowed to bring alcohol back.

He had found it necessary to ban the fireworks after returning home one year to a jittery Victoria Station, his school had caused a turnout of the Bomb Squad complete with dogs. Nevertheless, swarthy street hawkers pounced on the foreigners as soon as they step ashore at Boulogne tempting them with neat little string of explosives. There were some confiscated on the train home.

To some teachers it is a "again" experience. But it develop the taste for the new foreign school travel and it opportunity for stocking up o duty-frees and delicacies, to mention French-made Adidas wear. Then of course there chance of the good French an improvement on most canteens.

But the four hours are and teachers are checking charges yet again as they Once on board the children harbour, climb on everything off fire extinguishers in Tannoy requests to the They turned green and into seats as soon as the open water and deter weather. That at least teachers to count them as they have been doing all the station, on the train, on the boat.

One school had a bright distinctively coloured pompom worn by all the children so could be picked out in a glance.

One seasoned teacher said in all the years they had coming to Boulogne they had once had any serious worries

but children. A boy had got a fight with French youths, tained a lacerated head, and picked up by the police.

The police dumped him on the ship just before its departure left without the two teachers had remained behind to be with the boy.

A cheerful sailor did the handing out sickbags and proclaiming in a loud voice that would be awarded to any child could fill one up. Its did reveal what was given to the boy who hit on the idea of ing every else's into his.

Back on dry land spirits enough to make the train journey to London harrowing for anyone tender sensibilities, particularly British Rail failed to reserve compartments for school parties and they are spread out, supervised throughout the train.

A teacher from an school complains that one of girls' compartments had been invaded by big black boys large London comprehensive boys' version is that they walking past and were You never know the mind, they say.

Literacy schemes under threat

Voluntary organizations which literacy schemes are to campaign for continued central government funding. After a meeting in London last week, which was attended by representatives from 28 schemes working group was set up to negotiate special funding arrangements to ensure the survival some of these schemes.

The organizations are worried cause the Adult Literacy Resource Agency which dispenses government funds is due to disappear in 1978. Voluntary organizations rently receive ALRA grant ling £150,000.

FE and HE colleges conference
Reports by Bert Lodge

Case for FE at 15

Looking back at the development of further education since he became a principal 29 years ago, Mr Deryck Mumford, who retires from the Cambridgeshire College of Arts and Technology this year, said he had come to the conclusion there was a strong case for further education to begin at 15.

He backed the tertiary college with its wide range of courses, direct contacts with employers and breadth of academic, industrial and business experience among staff.

Mr Mumford pointed out that Circular 10/65—the document setting out the Government's intention to abolish selection in schools—assumed that the only place for students of 16-plus was in school.

"That this type of thinking still permeates the DES is shown by its continued annual publication of statistics and reports about the numbers of young people staying on at school beyond the compulsory leaving age. A full-time 17-year-old A level student in a further education college is still officially a drop-out."

Why teachers could learn from industry

A suggestion from a senior educationist that all teacher training should be stopped for five years was made last week at the summer meeting in Blackpool of the Association of Colleges for Further and Higher Education.

Mr David Coatesworth, county education officer for Norfolk, said it would solve the problem of the gap existing between teachers and the outside world. "The next intake of teachers would then be 25 years old and we should say to them now, 'Spend these five years in industry or commerce learning how the majority of your pupils will spend the rest of their lives'."

An analysis of the work experience of the staff of a county grammar school had shown that against a total of 900 years of teaching experience, members had only 44 years of any work outside, Mr Coatesworth said. Of these, 22 were recorded by one individual, a late entrant to teaching from the Civil Service.

Mr Coatesworth's remarks followed a paper by Miss Ann Mueller, Under-Secretary, Department of Industry, in which she stressed the need for education to be "market orientated" particularly the vocational aspects. This led to disagreement among educationists and spokesmen from industry at the conference on where the balance of blame lay for the shortcomings of education in the eyes of industrialists.

Mr George Barber, until recently director of personnel and training of the British Aircraft Corporation, said the mismatch between the content of degree courses and the needs of professional engineers was a major problem. There was too much concentration on applied sciences and associated mathematics with little or no attention to economics, production technology, creative design or industrial style problem-solving.

A challenge that industry was to blame to some extent came from Mr Stan Broadbridge, general secretary designate of the National Association of Teachers in Further and Higher Education. He complained that, in dealing with industry, colleges rarely come into contact with anybody other than the personnel department.

He was supported by Mr Bill Easton, principal of Southgate Technical College, London. "We find difficulty in getting our lecturers back into industry to update their techniques and knowledge", he said. "Some industries do not want to reveal their developments."

Union courses for bosses too?

A call for trade union courses at colleges to be thrown open to outsiders was made by Mr D. B. Edwards, principal of Rotherham College of Technology. At present it is TUC policy to restrict their courses to trade union members only.

"Should not management be involved?" he asked. "A good start could be with courses on the Health and Safety at Work Act."

Mr Edwards was opening the discussion on a paper read by Miss Brenda Dean, secretary of the Manchester branch of the Society of Graphical and Allied Trades.

Miss Dean said since 1975 £800m had been spent on creating jobs. Yet young people could not be expected to look upon the activities found for them by the job creation scheme as fulfilling. Only 15 per cent of them had any choice of training within the scheme.

She called for positive discrimination in favour of career opportunities for girls. In 1974 only just over 6 per cent of them were in apprenticeships compared with 43 per cent of boys. At present unemployment was 20 to 30 per cent higher among girls than boys.

Emphasis on wrong issues

It was depressing to look at what were regarded as the most important educational issues of the day, Mr David Mitchell, director of the Food, Drink and Tobacco Industry Training Board, told the conference.

They appeared to be: which institutions should have teacher-training, whether certain notional activities were to be funded by the Training Services Agency or the DES, and in what sort of institution sixth-formers should be educated.

There was another area where a more important job was waiting to be done—dealing with normal youngsters who leave school. Fortunately it was being done. One result of unemployment was that this country was being driven to do something for the 16 to 19s.

Mr John Miles, principal of Bridgewater tertiary college, did not agree that the argument about where sixth formers should be educated was trivial. The tertiary colleges were not taking over the further education of 16 to 19 year olds. The colleges had some characteristics of the grammar school and some of further education. "Something really new must come into being for this age group", he said.

Schools producers fear Annan could wreck radio

by Frances Hill

Education producers in local radio are very worried that their programmes will not survive if their stations are commercially or locally funded, as proposed by the Annan committee on broadcasting.

This was made clear at a conference in London last week attended by local education producers from the BBC's 20 local radio stations. Producers spoke of the strong sense of "impending loss" in local communities at the possibility that local stations might be commercially or locally funded. At present local BBC radio stations are financially supported by the corporation.

If local radio were to be funded from advertising revenue, educational provision would not survive, said John Saunders, of the BBC local radio educational and programme services unit. Stations would be obliged to offer a "pop format" to ensure the largest possible audience, leaving no room for programmes of specialized interest.

Funding organized on a non-profit-making "trust" basis, with contributions from local authorities and local institutions such as universities and colleges, would be unreliable, Mr Saunders claimed. Local radio stations need a "hard core of reliable funding" for their continued viability.

Besides, radio stations funded by local community bodies would lose their political independence. Local authorities and other institutions might put pressure on education producers to take a political line favourable to themselves.

Several education producers gave examples of ways in which political pressure might be exerted. Radio Oxford might have covered the subject of the Oxfordshire spending cuts rather differently if it were being funded by the Oxfordshire authority, John Saunders said. Manchester's education producer claimed that the vice-chancellor of Manchester University had tried to prevent faculty members from participating in a local radio discussion programme. If the university were helping finance the station he could possibly have prevented the discussion taking place.

Several education producers suggested that the independence of local radio stations put them in a useful position to "referee" disputes between different local educational institutions and between two local education authorities within the same station area.

Local radio activities that would come to an end without reliable funding included the training of teachers to take part in educational broadcasts and the running of weekend broadcasting courses for members of organizations in the local community, such as women's institutes, claimed John Saunders. "You do not sell cornflakes by using a full-time member of staff to train amateurs."

Work with local museums in building up resource stores would also be threatened. In Manchester a local museum mounting an exhibition took 70 items from the local BBC radio station.

Wider role sought for UCCA

A change in the way students are chosen for university places could save more than £3m a year, an economics lecturer has suggested. Writing in the *Higher Education Review*, Mr Michael Common, of Southampton University, proposes that the Universities Central Council for Admissions could select candidates rather than university academics.

Though this would cost about £500,000, it would be a once and for all outlay, Mr Common argues. The cost of operating UCCA in 1974-75 was £662,674, but this does not include the costs borne by universities, schools and candidates.

Mr Common thinks a change in the selection system is justified because of the degree to which A level grades dominate the system. The choice of a candidate is a mechanical one and does not require the special abilities of an academic, he says. UCCA could cope with an expanded role, Mr Common believes.

The change would mean that university admissions could not be decided upon until the A level results of all candidates were known.

The saving would be in the time of university teaching staff. On one set of costings Mr Common reckons this could amount to £3m a year, but he concedes this involves "extreme" assumptions. One of these is that an academic regards one hour spent processing UCCA forms as equivalent to one hour of teaching plus the necessary preparation.

He recognizes that the system he proposes does not allow for mature students or others whose entry to university is not based on A levels. He also recognizes that the number of applications which meet the entry requirements could exceed the course entry quota. "This problem can be solved by random selection from among equally ranked applications", writes Mr Common. "If this seems brutal or inequitable, it is. But it is inexpensive."

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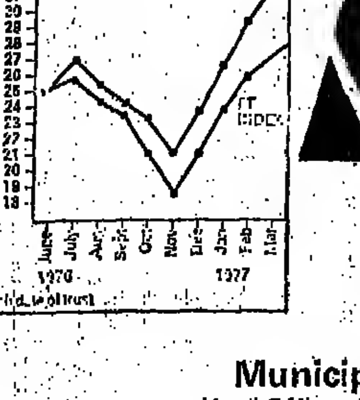

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Music hits right note for jobs

Employers are increasingly prepared to accept a music degree as a qualification for a wide range of careers, a one-day conference for sixth formers was told last week.

The conference was organized by the University of London's Goldsmiths' College and was designed not only to acquaint prospective music students with the courses and facilities at Goldsmiths', but also to examine the relevance of a music degree to a future career. Miss Margaret Fortescue, careers officer at the University of East Anglia, who has made a special study of employment prospects for music graduates, had guarded encouragement to offer.

While most of those who took a degree in music would probably have to get a further qualification for their subsequent career, evidence from 1970 showed music graduates to be more versatile than most, and consequently more successful, in finding permanent employment. This was so despite the economic cuts affecting the music professions and the labour market generally.

Sixth-formers today, said Miss Fortescue, were thinking very carefully about university courses. More than ever they understood that decisions taken now had important implications for the future. For those contemplating a musical career the temptation to leave school and go directly to work might be strong, but it had to be weighed against the advantage of a university degree.

In today's volatile employment market too narrow a specialization was often a disadvantage. Students were warned, however, not to regard a music course as a way of putting off a career decision, or as a convenient catch-all qualification. A degree course in music ought still to be regarded as an academic course, even though the element of vocational training, especially for performers, might be greater than most.

Despite rumours to the contrary, most graduates who wanted a job got one, and music was a subject that tended to attract students with a greater than average determination to succeed. Music graduates were generally better placed in looking for work than school leavers and those trained at specialist music academies, showing the importance of a general academic training and of keeping options open.

Figures from 1976 showed that 82 British music graduates found employment in no less than 16 different professions six months after graduation. A surprising number of these careers were related to music, though some graduates chose to keep music as a hobby and find a living in a completely different walk of life. In fact, she added, if more musical people went into business careers like accountancy the world of music might benefit a great deal.

Robin Maconie

Jobless teachers are being forced to seek new outlets

Rush for overseas work

by Betka Zamoyska

Jobs for teachers of English as a foreign language and EFL training courses are being flooded with applications from unemployed teachers. A job for an English language teacher in Tripoli, Libya, advertised a few weeks ago, had more than 134 applications, half of them from trained teachers. A similar job would have been hard to fill a few years ago.

Mr John Haycraft, director general of International House, who organizes training courses and the recruitment of EFL teachers throughout the world, said his organization had stopped promoting courses because it had so many applicants. It is already oversubscribed for posts in the least popular places and its training courses are booked up until the end of November.

Qualified teachers are prominent among the applicants, and the recent shortage of jobs for the newly qualified has sent an increasing number in the direction of International House.

"Out of work teachers and students fresh from teacher training colleges are turning to us as one of the few lifelines left", said Mr Haycraft. "Obviously we can help a certain amount towards teacher unemployment. There are new language schools opening up all the time, but unfortunately many of the teachers, who come to us as a last resort, are not the sort of people we are looking for.

"Those who have been through teacher training find it difficult to adapt to our methods. We would rather train graduates who tend to be more adventurous and much more flexible."

Serving teachers are also swelling the queue of applicants. "We get quite a number who are disillusioned with the state system. They come to us because they want to get back to a classroom where the students are keen a[nd]..."

International House has grown out of humble beginnings. Mr Haycraft started giving lessons to Spaniards in a bedsitter in Cordoba 14 years ago. Now it has four schools in England, besides its new premises in the old St James's Club in Piccadilly, and runs a group of 48 language schools in 14 different countries.

To qualify for a job, applicants must either have obtained a good grade in the assessment at the end of the four-week intensive course or they must have the Royal Society of Arts certificate for teaching English as a foreign language. "Teachers with previous experience can take the RSA exam at International House but we have to see their performance in class before we accept them."

Salaries for English teaching vary enormously and depend on the standard of living in the country concerned. "Our teachers earn around £3,000 in the first instance, but there are quite good career prospects. With about five years' experience, a person with the right qualities could become a director of a school with a salary of around £6,000 to £8,000. We are one of the few occupations which need more people at top management level.

"*Many* of our teachers are in their early 20s and they look on the job as good work experience and an opportunity to travel. They are not interested in making a career out of it."

Married candidates are not considered for teaching posts unless both partners want to work because the salaries are not sufficient for a couple.

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TES2

Stephen Cohen reports on two sharply contrasting views of teacher training

Pursuit of academic respectability—but will it produce better teachers?

The Government's reorganization of teacher training, which is now virtually complete, will not produce better teachers, according to the principal of a college of education in Ambleside.

Mr William Percival, head of Charlotte Mason College, writing in the National Union of Teachers' *Secondary Education Journal*, says no one has asked either if the changes will lead to more competent teachers.

In the end of the 'sixties the colleges had no friends, he says. Academic standards on entry and qualifying standards on exit were thought to be low with non-demanding patterns of teaching and expectation. The gulf between theory and practice, and between the study of academic subjects and of education, was a continuous source of criticism both by students and the teachers in the schools.

"In pursuit of a false sense of academic respectability many subjects were taught in ways which completely failed to relate them to the professional nature of the course. It is vital to enquire whether the changes, institutional and curricular, now being introduced will produce courses and eventually trained teachers substantially better than those of the 'fifties and 'sixties."

Mr Percival criticizes the consecutive training system proposed in the James report in 1972 and put forward again recently by the Department of Education and Science in the "Yellow Book", in which professional preparation for teaching is seen as a "topping up" process following general higher education.

The attractiveness of consecutive training was that it provided an administratively convenient structure. "No claims were made that it possess inherent educational and professional advantages in that it produces better qualified or more effective teachers in the classroom.

"Its attractiveness to the administrators is very obvious. It will enable them to turn the tap of teacher supply on and off at short notice to meet market needs of supply and demand. It is significant that no arguments have been put forward that such a pattern will produce better teachers." Mr Percival thinks it would be a completely unsuitable way of training primary and middle school teachers.

He also points out dangers in placing teacher training in polytechnics or other large multi-purpose institutions. The modular course systems in these colleges—where students pick up points for studying different and unrelated subjects—will not produce competent and confident teachers, he says.

"Indeed, some of the courses which are being offered in the polytechnics and large colleges of higher education, in which courses can be made up of various unrelated subjects 'lapped up' with some practical education, will produce teachers much more inadequately prepared for their work than those so criticized in the 'fifties and 'sixties.

"There is a grave danger that in the search for a consecutive pattern and for diversification, and for moving teacher training into small units in very large institutions, the professional will be lost and the children of the 'eighties and 'nineties will suffer."

Mr Percival argues for a concurrent system of training where the "understanding of the child and the pedagogic skills are developed and nurtured alongside a growing grasp of the academic areas".

Plea for graduate status in a 'learned profession'

A five-year teacher training course was proposed by the National Association of Schoolmasters-Union of Women Teachers this week. In direct contrast to the views of Mr Percival in the NUT's magazine, the NAS-UWT endorse the consecutive system and want to add on another year.

"All prospective teachers should follow a three-year degree course, the union says in a discussion paper. In most cases the courses would be no different from those pursued by other undergraduates. Then would come a year of theoretical study. Finally there would be a year's induction which, if completed successfully would lead to a guarantee of a job.

The union's aim is to secure a pattern of training which requires higher basic entry qualifications. "The present system of training is unacceptable because initial entry requirements are too low, the academic quality of the courses is often lacking in intellectual rigour, the system does not have that concern for the practical problems of the teacher's work which is essential if newly qualified teachers are to take their place in schools as effective practitioners, and the pass standard at the end of the course is too low."

Proposals for reform must be wide-ranging, the discussion paper says. "Because the education of young people relies on the quality of teachers, the NAS-UWT believes that teachers should be people of genuine learning. The minimum standard we would approve is that of a first degree."

This undergraduate education should be in universities and polytechnics. Colleges of education would disappear or be turned into departments of higher education institutions. "It is totally hostile to the concept of teaching as a learned profession to have prospective teachers educated outside the higher education system."

Possession of a degree would not necessarily make a satisfactory teacher, the union says. Other training is needed. "A post-graduate year providing a course in the theory of education and teaching methods must be a necessary ingredient for those who choose teaching as a career."

Six weeks would have to be spent in a school before starting this theory year. This would give the student a chance to decide if he or she had made the right choice and would also lead to an assessment of the students potential.

Practical training would not begin until the end of the theory year. Satisfactory completion of the first two stages would lead to "assistant teacher" status and before a job was offered, the applicants would have to satisfy an interviewing board that they had the right personal qualities.

Successful completion of this induction period would bring the trainee to the level of "established teacher" which would guarantee employment.

Practical training should rest in the hands of experienced teachers, the union says. "In the past, the influence of practising teachers on teacher training has varied between the minimal and the non-existent.

"Many of the misfortunes which have befallen schools in the past 10 years or so are directly attributable to the inept theories eagerly, and often sincerely, preached by the teacher trainers who had lost contact with the real school situation and who unduly influenced the newly qualified and inexperienced.

"Because the realities of the classroom have become even more demanding, the education service can no longer allow theoretically trained teachers to muddle through on their own devices. We have a duty to tyro teachers to give them the benefit of practical training and guidance concerning the complexities of individual schools.

"Frankly, I think it's been overdrawn".

Unions back plan to rescue savings scheme

All teachers' unions are supporting the proposal to set up a Money Management Association to replace the National Savings Movement which will cease to exist next March. The movement is a voluntary organization with Civil Service support and its aim has been to encourage individual saving and good money management.

The movement has been under the death sentence since July last year when the government announced its withdrawal of all Civil Service backup staff by next March as part of spending cuts. The National Savings Committee has been searching for a new role since then. It has been keen to preserve its money management education programme which has been "conspicuously successful" according to Sir John Anstey, the committee's chairman.

A money management association would bring together the goodwill and experience of teachers and others responsible for training young people, together with the expertise and knowledge of those national institutions able and willing to take a broad and long-term view of the savings market.

The new association would receive £250,000 a year from the Government and the committee is canvassing other savings organizations—clearing banks and building societies—for their support. However, time is running out, Sir John emphasized last week when he announced the new proposal. Civil Servants were already leaving and the organization could run down beyond the point of no return. He hopes that the Treasury will soon set up a working party to get the new association started.

Mr John Gray, president of the National Union of Teachers, praised the pupil-operated bank schemes which were increasingly used in schools. One head of a comprehensive school warned that, with the demise of the movement, individual organizations such as clearing banks were already putting pressure on schools to take over their savings schemes.

"If there is not some national organization controlling promotional activities, we are subject to the commercial jungle and schools do not want this", he said.

Overseas student policy slated

The Government was criticized last week for its "little Englander, xenophobic and shortsighted" policy on overseas students. The attack came in the annual report of the United Kingdom Council for Overseas Student Affairs which complained of increasingly strict immigration controls and Home Office checks on students.

The Government's decision to increase fees for foreign students by 40 per cent, 60 per cent and 100 per cent for further education, undergraduate and postgraduate studies respectively, was most disappointing, the report said. "There seems little doubt that we are moving rapidly into an era of very high fees for overseas students, cutbacks and stringent control of numbers."

The report calls for a properly thought-out policy for foreign students. "At present no such Government thinking appears to exist."

Training colleges blamed for slump in standards

Colleges of education were accused last week of sending teachers out into schools inadequately prepared. The president of the Association of Career Teachers, Mrs Kay Wareham, in her presidential address to the association's annual conference in Leeds blamed training colleges for declining standards.

"Every year I have students in my classroom on school practice, and every year I am appalled at the inadequate preparation they receive before being sent into schools", she said.

"Over the years I have noticed a steady deterioration in the standards of both students and their tutors. I see inadequate lesson notes and preparation, spelling mistakes on the blackboard, bad grammar and poor diction when talking to the class, and scanty or non-existent visual aids which would never have been tolerated when I was in training."

Mrs Wareham said she was horrified most of all by the acceptance of the colleges that little can be done once a student has been accepted.

"The remedy would seem obvious —a much more rigorous investigation of suitability before a student is accepted, and a reintroduction of the personal interview which was a prerequisite in my day, and which is the only way, at this stage, in which the personality of the would-be teacher can be evaluated."

"Standards have suffered at the hands of the reformists, many of whom have gone all out for new and untried methods simply because they are different."

Stability and dedication had become outmoded, she felt. "Probationary teachers in my area are advised to seek a scale post after two years teaching. When these people reach the top they can afford to sit back and vegetate, secure in the knowledge that they are an immovable fixture until the day they retire."

Mrs Wareham also hit out at local authority advisers. "They do not appear to me to be very effective. In many cases they are out of touch with the classroom situation and all too often a visit to a school is spent solely in the head's room.

"Many of the experiments which have been carried out in schools in the name of progress can be directly attributed to the influence of advisers who have a major say in promotion appointments."

The association, which has about a thousand members, will debate a closed shop in teaching, and split-site schools, to which both motions express opposition, and moral education and management courses for heads, which have attracted motions of support.

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TES2

Where the graduates go

Mark Jackson reports on changes in the jobs market for those with degrees

Cuts in Civil Service recruiting mean most graduates are now having to join through the ranks rather than entering the elite grades. The result is that more than a third of the normal executive class intake now have degrees.

But the Civil Service still maintains that this is not a "normal" way for graduates to enter the service, according to Mr Colin Slipper, chief careers adviser at Newcastle University. In his annual report, he says the executive class entrants now form the biggest graduate entry to any single employment.

But many of these entrants become disillusioned, despite the high salaries they get and the low workload—unlike those on the traditional graduate route into the higher grades who respond enthusiastically to their early responsibility and their sense of being stretched.

Mr Slipper says the complaints of the executive class recruits are often akin to "the unfortunate popular image" of civil servants—a lack of regard for the public, overconcern for the minutiae of regulations, discouragement of initiative, lack of challenge. The Civil Service Department, he says, should look more closely at the training and effective use of graduates in the executive ranks.

In a report that becomes a useful survey of the whole of the graduate job market, Mr Slipper moves on to local government, where, he says, graduates are having to forage energetically even in fields traditionally undersubscribed. One graduate planner got a job only after 72 applications, 13 interviews and 6,500 miles of travelling.

A record 473 graduates—nearly twice as many as the previous peak—applied for special entry to the police, but not enough came up to the standards to fill the 25 places available. But the number of graduates joining the police through ordinary recruitment went up to 63 over the country as a whole. The National Health Service kept up its graduate intake.

Manufacturing industry as a whole, the report says, took more recruits than might have been expected, many firms recruiting at the same level as in 1974-75. But nationalized industries cut their intakes dramatically in one or two cases. Engineering industries, in particular light industry, held their own; the demand for engineers remained very high.

There were wide variations in the automobile industry, with one major manufacturer declaring its recruitment target the highest ever, while others expanded cautiously or not at all. The chemical industry remained reasonably stable in graduate recruitment, but other basic industries were reluctant to commit themselves. Transport and industries associated with textiles eased, and the food industry was buoyant. Computer industry recruitment showed some improvement.

Mr Slipper says industry has learnt from its mistake in cutting back on graduate recruitment in 1971, and is now maintaining a steady, if lower, base level of graduate recruitment. And although graduates may be forced to take lower-level jobs, the jobs may carry more responsibility as the result of the slimming of management structures. Despite its careful recruitment and planning, industry still in many cases lacks enough high-quality graduates.

In commerce and the professions, the economic downturn has had less effect, the report says. Retail stores presented a "cheerful outlook" although the media and advertising stayed at the previous year's low recruiting levels. The demand for architects fell dramatically and articled clerkships with solicitors remained hard to get. Accountancy still led the field with an "apparently insatiable appetite for trainees".

In his general comments, Mr Slipper notes indications from schools that more A level pupils of university potential are choosing to go to work at 18, and that the more able of them may be preferred to weak graduates. More than ever, employers are saying that a degree in itself is not enough; they want to know what other ability a candidate has to offer.

At the same time an increasing number of students are turning down "the stresses and uncertainties of an ambitious career" for the sake of non-material considerations. He puts it down to the lack of pay differentials between shop floor and management.

Mr Slipper, a wartime flier who taught for a spell before going into industry, refers to the hostility which comments he made in his last report aroused among "the more outspoken advocates of comprehensive education". His current report may be courting similar reactions by the unqualified praise of private sector industry, homilies on public spending and criticisms of the public services, and a number of sweeping economic and sociological assertions about students.

● Details about full-time and sandwich courses in polytechnics and other colleges outside universities has been published by the Regional Advisory Councils in England and Wales. Entitled *A Compendium of Advanced Courses in Colleges of Further and Higher Education*, it is available from the Regional Advisory Council for Technological Education, Tavistock House South, Tavistock Square, London WC1, price £1.50.

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Look, Listen and Learn at EdTech 77

A frank exchange of views by education officers and suppliers is promised at a one-day conference as part of EdTech 77, sponsored by the Industrial Council for Educational and Training Technology, to be held at Holland Park School, London, on 23-25 August.

Advisers to over 40 different Education Authorities in England and Wales have already been asked to put forward recommendations for discussion and exhibitors will have the chance to put their side too.

From the replies so far received it would appear that cuts in expenditure on educational technology in 1977-78 may not be as great as was first feared.

Although nearly half (47%) expected expenditure to be "slightly reduced", only 11% saw the need for severe cuts and 32% forecast budgets much the same as 1976, meaning, in real terms, a reduction in line with inflation only.

This is bad enough, but certainly educational technology spending will still be substantial and 8% even saw an increase, suggesting a subtle change in priorities.

Indications are that exhibitors are also adjusting their sights (and prices) where possible, even to the extent of offering slightly used ex-library video cassettes at bargain prices and offering to refurbish worn or damaged cassettes at half the price of new.

Even more elaborate equipment is being designed to do more than one job, for example the new Hailight 300 projector, which can be used for normal film-strip and slide presentations or, by means of a novel micro attachment, converted to demonstrate a variety of science experiments.

The growth of the commercial training market, unaffected by State controls, is reflected in the introduction of new audio-visual courses for civil engineers, computer specialists and the like, many of them produced in association with trade groups and companies.

Other specialist programmes and equipment being shown at EdTech 77 are those concerned with the more deprived sections of the educational community, such as remedial teaching, where important manpower savings can be achieved by use of programmed learning techniques.

Some 60 stands are planned, with exhibitors probably hoping to gain as much in the way of information on new needs as the delegates to whom they are showing.

Tickets are available, free of charge, from EdTech 77, 41/43 Charlbert Street, London, NW8.

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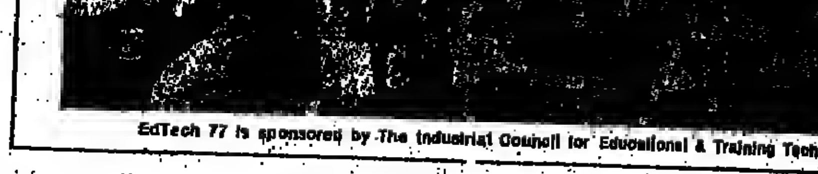

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School to work

This week: graduate jobs ● TEC courses ● Youth

Letters to the Editor

TEC certificate: uncertainties ahead for science students

Sir,—The Joint Committee for National Certificates and Diplomas in Sciences has decided to phase out the Ordinary National Certificate by the end of 1979-80 in favour of programmes administered and validated by the Technician Education Council.

Yet students who enrol on TEC Certificate in Science programmes next September are embarking on a course of study leading to a qualification whose status has not yet been established. What lies beyond the TEC certificate? TEC higher certificate programmes are not yet available and there is no guarantee that such courses will be available in time for TEC certificate holders, nor has the relationship between the content of TEC certificate programmes to the higher level courses been clarified.

Holders of a TEC certificate have no guarantee that they will be eligible to enter the present HNC courses as this is a matter for the discretion of the appropriate joint committees and these bodies have not yet announced any decisions. Furthermore, nothing is known concerning the acceptability of the TEC certificate as an entry to CNAA degrees. The universities have given a guarded reaction to TEC courses referring to the blurring of the boundaries between the formerly distinct courses leading to City and Guilds qualifications and the National Certificate courses.

Finally, whereas the mathematics and physics of the present ONC in sciences satisfy the requirements of the Royal Institute of Chemistry as ancillary subjects for Grad RIC, the standard TEC units for these subjects do not. This would mean that students would need to spend time taking supplementary units.

To launch a new system of education for technicians with uncertainties unresolved is not in the welfare of students. It is very regrettable that the Committee for Sciences has not been more vigilant in protecting the future interests of students.

My advisory committee, including employers concerned when consulted, are unanimous in supporting the present National Certificate which is run in this college and believe strongly that this serves the best interests of students and employers.

The concept of unit-based courses written in the form of behavioural objectives, which is so keenly advocated by the Technician Education Council, cannot but restrict the course and structure approach so that inflexibility and limitation in teaching will result. The reports which I have received from numerous meetings of heads of departments and other representatives indicate a strong reaction against this.

I strongly urge colleges which are faced with the necessity of submitting programmes to replace courses to give serious consideration to the opportunities offered by the policy statement of June 1974, of the Technician Education Council, paragraph 4.8, which provides for the validation of courses which are not unit based.

J. BOURNE,
Head of science,
Kingston College of Further Education.

As good as you make them

Sir,—As a member and past chairman of the Joint Committee for Higher National Certificates and Diplomas in Electrical and Electronic Engineering, and as a member of TEC Programme Committee A3, for electrical engineering, I must protest at the statement made in your article ("Snub for TEC Engineering Courses", June 10).

It is not true that the joint committee has said that it "has little confidence in the proposed TEC courses so far produced", since it has not made any pronouncement as yet; nor would it expect to until sufficient working experience has been gained of the new courses to provide a basis for judgment.

The main reason for the continuation of HND courses at present is that TEC has just published the first guidance to colleges on the form that TEC higher diplomas might take. It is significant that TEC are willing to consider higher diploma programmes based on a "grouped course" philosophy as an alternative to the unit credit system which has characterized other TEC courses to date.

This, of course, lays the way open for colleges to replace their HND schemes with TEC programmes which are located alongside them in standard and content.

In the debate about TEC, it is important to recognize that the courses will be just as good as colleges make them, since colleges have greater freedom within the scope of TEC courses for innovation and participation than ever before. One hopes that the teaching profession will rise to the challenge and that the Exchequer will make funds available for the amount of extra work that TEC courses entail.

H. K. HEPPELL,
Gloucester City College of Technology.

Power to the Youth Forum

Sir,—We would like to question one or two of the conclusions reached in your article "Your Forum just for talking" (June 10). You mention the Community and Youth Service Association in connexion with the survey of resources in youth work, and this we are certainly undertaking, but more than this, we are trying to put some teeth into the forum, not actually it before it has even started to float.

The national policy in youth service has been difficult to coordinate in recent years, partly as a result of there being no mechanism through which discussion can take place. The youth service forum may develop into such a body and we are hoping that it can do more than talk. There is no secretariat provided from the DES for the working parties, but CYSA offered to provide this service, and this was accepted by the member organizations.

Furthermore, the reference to NYB, BYC and Youth Aid as the most important organizations within the forum, ... at a time when ... are beginning to take a more universal view of the service ... young people ... organizations ... have ... separately ... with Shirley Williams. This putting forward of ideas is to be encouraged rather than being viewed as detrimental to the concept of the youth forum.

The Community and Youth Service Association responds to and represents the views of the majority of full-time (and part-time) youth and community workers in this country. As such we welcome the initiative of a youth service forum; may it flourish and prosper.

DAVID BELLOTTI,
ALAN DEARLING,
Community and Youth Service Association,
Langdon House,
32 Great Bridgewater Street,
Manchester.

Virginia Makins reports on a defence of progressive education

Trusting in trust

"Children have got to take a lot on trust—on other people's experience. But if their knowledge is not built on knowledge how to distil facts from their own experience, it will have a very shaky foundation."

Professor Jimmy Britton, late of the London Institute of Education and Goldsmiths' College, was the keynote speaker at a small conference last Saturday, organized by *Forum*, the educational journal. The idea was to try to crystallize and develop the ideas behind progressive primary practice, in response to the recent crescendo of hostile attacks.

Progressive ideas and skills were under threat for one basic reason: world inflation is causing general anxiety and stress, Professor Britton said. And when people are under stress, they take a much narrower view of problems and decisions than they do when they feel confident.

"The danger is that a regime of surveillance will replace a regime of trust in teachers." Trust was the only possible solution in the long run because the gap between any curriculum guidelines and actual teaching was so wide. The gap could only be filled by the teacher.

"The Black Papers have tried to polarise the difference between being told and finding out. But in order to be told something successfully, we have to go through a process very like finding out", he said. "We need somewhere to put new information—a network of past knowledge and experience. And the way we make new links is by talk."

He quoted Einstein on "the scientists groping intuitively for the meaning of the facts", and Heisenberg that "science is rooted in conversation".

Professor Britton said the Bullock report was shining brightly despite the darkening skies. It was full of compromises—but it stated clearly that children can learn by talking and writing as well as by listening and reading.

"We have got to recognize that knowing is an act, and understanding is the same thing as learning. Activities in schools must be related to children's intentions—focusing on what they want to do and giving them techniques to do it. We must arouse new intentions—and that can be done both by life and by teachers."

In the end, Professor Britton said, the only difference between the progressives and the Black Paper people was one of relationships. "That is where the confrontation really is—respecting the child."

There was some discussion on how parents and the public might be persuaded of the value of progressive ideals, against narrower conceptions of education. The audience seemed to agree that teachers needed to become more articulate about what they do, and that, as a head said, "communication with parents can only be effectively done in individual schools, and by individual teachers with small groups of parents".

In general, the conference agreed with Professor Britton that progressive education could not be said to have failed, since it had not been tried on any scale. "It's Rhodes Boyson and his crowd who are responsible for the results they're complaining about", said Mr Henry Hurtt, a teacher at the American school in London. "We haven't had our day yet."

Reluctant staff urged to relax secrecy in schools

by Lucy Hodges

The Inner London Education Authority is exhorting its primary schools to improve their relations with parents. One suggestion is that schools should tell parents of the new open records policy.

This system, which means parents can see and discuss with teachers the primary school records of their children, is meeting with some resistance from teachers and heads. It was introduced last autumn for nursery, infant and first-year junior pupils and will be in force throughout primary schools in the next three years or so.

The schools were left to decide for themselves how to tell parents about the new system. But many parents have not been told and have not therefore asked to see their children's records.

ILEA's new advice comes from Mr Peter Newsam, the education officer, in a letter to all primary heads in Inner London. His other proposals include setting aside a room in the school which mothers and fathers can use to meet for a chat and a cup of tea, or as a base for organizing parental activity connected with the school.

The ILEA also wants each head to give parents more printed information about the school, and Mr Newsam encloses guidelines for leaflets. He suggests they should set out the school's aims, the names and addresses of school managers and so on, together with specific information on how parents can play their part.

Schools which do not already have a parent-teacher association or friends of the school group should seriously consider forming one as soon as possible, ILEA recommends.

"The days when parents felt that behind the school gates was a forbidding and unknown territory should now be past", Mr Newsam said.

"But I have asked each school to think hard about further improvements because it is vital—both for individual children and for the education service as a whole—that parents can and do approach the school and become actively involved in its life. The relationship of parent to school is too important to be left to chance."

Mr Newsam's letter is unlikely to produce any immediate changes, particularly in teachers' attitudes to the new record system which they are criticizing on a number of grounds. First, it has meant extra work for staff, who have to learn a whole new bureaucratic system, but more serious, that the yearly record summary is inadequate, consisting mainly of a succession of little boxes to be ticked off.

In an effort to get away from the traditional school report in which teachers would resort to vacuous comments, such as "Could do better", ILEA has given teachers specific categories to consider. But many critics argue that this is just as meaningless.

Under the heading "language", for example, teachers are asked to tick whether the pupil is well below average, below average, average, above average or well above average in oral use and oral understanding. The same five-point scale applies to the pupil's ability, level of interest and rate of progress in dance, music and drama, and other subjects. Teachers are required to make 35 ticks altogether.

Mrs M. Ion, head of Brackenbury Infants' school, Hammersmith, explained that the new system was not particularly useful. Her staff did not feel the new records were more valuable than the profiles of pupils they used to write. Parents who were really interested in their children's education wanted to know a lot more than the yearly record summary.

Many teachers feel that the new records were introduced in response to pressure from a few busy-bodying parents and politicians. They are determined to continue the practice of keeping confidential records for their own use, especially to monitor family circumstances.

ILEA's policy on keeping a second tier of secret and more subjective records is not entirely clear. It seems that the authority can do nothing about it and has little objection to teachers keeping private notes for their own use, or passing on information to the teacher who takes the class the following year.

But it is more worried about confidential information being passed on year after year, and sticking with a child when it is no longer accurate or relevant.

TES holiday offer

The TES has arranged a special package holiday on the Bay of Naples from October 23 to October 30 (half-term in many places). The cost is £119 including trips to Pompeii and Herculaneum.

Sea, sun—and Pompeii

There can be few better places for a short autumn holiday than the Bay of Naples, writes Pam Cooley. Far enough from home to be exotic, yet not so far that the journey and cost make it impractical.

By October the fierce summer heat has usually ebbed to clear, sunny weather, warm enough for swimming and sunbathing and ideal for walking and sightseeing—blessedly relieved from the press of summer visitors. The area is varied enough to satisfy all tastes and compact enough to enjoy them in the compass of a week without tedious journeys.

From Naples or Rome you leave the autostrada for a coast road that twists and turns through a string of attractive little towns to Sorrento where the narrow, climbing streets and little squares wear the trappings of tourism like fancy dress that decks them out without spoiling their character. Here there are shops, restaurants, cafés and night clubs to suit every taste and pocket, and a weekly market in the main square that attracts local people from the mountain villages.

Beyond Sorrento the view opens and you are aware of how rugged and rural the peninsula is behind the coastal strip. Vineyards and olive and lemon groves cover the hillsides above and below the road, tiny rocky bays perforate the shore. Where the road climbs up out of Massalubrense the Hotel Maria offers comfort and tranquillity.

This small modern hotel is run by a family who pride themselves on friendly, efficient service and it boasts a restaurant much favoured on a coast that takes its food and wine seriously. Beside the Maria's swimming pool or on balconies that overlook the shining bay you can, if you must, plan the next half-term's work in perfect peace, or map out a trip along the coast.

Pompeii and Herculaneum are the most famous historical sites. For anyone who queued under the arches of Burlington House last year to see the "Pompeii AD 79" exhibition to walk the long straight streets of Pompeii itself, with Vesuvius humped along the skyline, and to wander through painted rooms and cool courtyards, is to complete an experience.

But there is also, going south on the Corniche road round the peninsula, Moorish Positano, ancient Amalfi, Ravello and Salerno with, a few kilometres further on, Paestum with Greek temples on the seashore. There are excellent bus and train services and car hire, with no extra mileage charge, is about £10 a day.

In the evenings you can go down to Sorrento to watch a Tarantella show, a folklore entertainment full of colour and life. You can, of course, dance yourself somewhat more sedately. And discover the superb Italian wines.

Whatever pleasures you choose, the peninsula and the bay are a constant delight. The changes of light throughout the day bring Vesuvius into sharp relief or make it recede into mystery, Capri is a beckoning diamond just offshore and Ischia floats away across the shining water. Unexpected little roads wind you down to the water's edge or up to the hill villages, and everywhere you are met with charm and Neapolitan courtesy.

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France

The school war embarrasses the left

from Joan Smyth

PARIS

With only nine months to go before the French national elections, M Jean Cornec, 58 year old lawyer and president for 21 years of the powerful Federation of Parents' Associations for pupils of state school (a strong left-wing association with one million adherents) has given the majority parties a wonderful present.

He has once more resurrected the old conflict between state secular education and the private Catholic schools. He did it at the beginning of June at the federation's annual meeting in Albi by calling on his members to act as "missionaries for the only real scholastic freedom, freedom from denominationalism".

The left-wing press protested and called M Cornec the "blunderer from Albi". The Socialist Party's shadow minister for education, M Louis Mexandeau, said: "The Socialist Party has already said, and repeatedly said, that we have absolutely no intention of relighting the flame of the old school war".

The reason for M Cornec's unwelcome intervention lies in the man himself. A militant anti-cleric, the son of two schoolteachers who were already fighting against Catholic schools when he was a child, he has never let go.

The growing popularity of private schools and the approaches made by the left to compromise have contributed to his outburst.

Some state financing is already given to private schools. A law brought into force by M Michel Debré, when Prime Minister in 1959, allowed for limited aid to private schools on condition they would accept some state control over teaching staff, school attendance and discipline. But otherwise it left them free to administer their schools as they wished, and about half the non-denominational schools accepted it.

A later scheme brought more money—and more state control. If the schools had been open for longer than five years, with a minimum number of pupils, properly trained staff, and the right kind of installations and buildings, the state would pay the teachers' salaries and social security and training, give grants for books, scholarships and help towards transport. The rest had to come from fees.

In the 1977 budget, aid for private schools was voted to the extent of 5.8m francs (£688.4m), 10 per cent of the whole education budget of more than 58 billion francs (£6.8bn). Although only 2 million schoolchildren attend private schools in France against 10.8 million for the state schools the importance of the private school system as a political weapon has been growing over the past few years.

Communist leader M. Georges Marchais: playing it down.

The private schools are very different from English public schools. With one or two notable exceptions they are not particularly expensive nor do they aim at producing an educational elite. In the past the private schools were considered to be the refuge of the "cancres" or dunces.

But because of the unrest and politicalization of the lycees, the strikes among the teachers and lack of discipline in the state schools, more and more parents are now starting their children out in the private system and are not waiting for them to be weeded out of a lycée at 14 if considered unsuitable for the tough standards of the baccalaureat.

It has never really been a question of money: the lycees were always considered the best. Now parents are not so sure. Even left-wing non-Catholic parents quite often send their children to private Catholic schools.

Private or independent education in France is almost overwhelmingly Catholic, 93.2 per cent.

About 400,000 French children attend private non-denominational schools. In contrast to the Catholic private schools, the non-denominational schools flourish in the towns and cities rather than in the country. Out of the 2,000 or so non-denominational schools 800 are in or around Paris and most of these specialize in secondary education.

As well as their full-time teaching staff, most of these schools have additional part-time staff from the state schools, who are allowed to give up to a maximum of six hours' lessons in their spare time.

In Paris mainly middle-class children attend these schools. Many working-class districts of Paris have schools for immigrant workers and Catholic schools for working-class parents.

There are of course some famous private schools such as the Ecole Alsacienne where left-wing intellectual parents often send their children, or the Couvent des Oiseaux, one of the snob schools in Paris. But most of them are small unpretentious schools to be found in each Paris district and the big provincial towns and which specialize in getting children through the dreaded "bac".

Fees are not particularly high. For primary day schools the average is about £30 a term. In some of the Catholic schools the average fee for say an 11 or 12-year-old doing a first year of secondary education can be as little as £[illegible] a term for day pupils rising to £[illegible] a term for boarders.

Expensive schools are a minority. Top fees are around £1,500 a year which the French consider exceptional and prohibitive. The private schools are thus not the exclusive prerogative of the rich. Scholarships are now in force and even the most elite schools like the Collège Caousou in Toulouse founded by Jesuits in 1874 is reputed one of the best schools in France.

A national inquiry at the beginning of the year among fourth grade (14-year-olds) in private secondary school classes, showed that 19 per cent were working class and 15 per cent upper class. The number of scholarship children in private schools has risen in five years from 20.2 per cent to 28.3 per cent.

Meanwhile left-wing leaders are trying to play the issue down. On a visit on June 14 to the Lorraine coalmining area, M Georges Marchais, leader of the French Communist Party, said it was no good expecting his party to fight the match and spark off fresh war of religion. "One cannot on the one hand rally both Catholic and non-Catholic workers to a common democratic cause and on the question of education create conditions which would set against [illegible] union", he said.

United States

Tape-it-yourself deal for Sesame Street

from Michael Binyon

WASHINGTON

Sesame Street, the much acclaimed children's pre-school television programme, has just completed its thousandth hour of production. The Office of Education has announced that from now on elementary schools and day-care centres can make their own videotape recordings on this year's programmes.

The series has been partially funded by the Office of Education since it began in November, 1969. It now appears on more than 250 public and commercial stations in the United States at a daily cost of a half-cent per viewer.

Sesame Street was designed to teach children letters and numbers and to help them progress in a variety of curriculum areas. In recent years the series has been expanded to include segments for and about handicapped children, the role of home, career awareness and basic health practices.

The original English-language version is now seen in more than 30 countries around the world, including Britain. The producers have also developed "Open Sesame", a special series for adaptation by overseas broadcasters.

The new off-the-air taping procedure is intended to increase the use and flexibility of Sesame Street as an educational tool in classrooms. Teachers can now tape a programme and use it at a later date to fit their own timetables.

Italy

Spending cuts threaten experimental schools

from Dalbert Hallenstein

MILAN

The movement in Italy towards full-time "experimental" schools has been hit by the general cutbacks in government spending. Most Italian schools work in the mornings only, from eight in the morning until one o'clock, with only a 15 minute break.

Soon after the 1968 protests, the government ceded to teacher and student demands for reform by allowing some schools to extend "experimentally" their teaching timetables to the afternoon. The industrial unions also applied pressure for full-time schools in order to ease the problems of families with two working parents.

By 1976 about 330,000 pupils out of a total school population of almost 11 million were attending full-time "experimental" schools. The majority of these were in the 6 to 14 age group and their schools were situated in the industrial areas of north and central Italy.

Experimental schools were allowed to plan their own teaching programmes independently of those rigidly laid down by the education ministry. At first they flourished, because of the enthusiasm of their often young and enthusiastic teaching staffs. In many schools open classroom techniques were introduced and new (for Italy) methods successfully used to teach maths, sciences, modern languages and the arts.

But by 1974 there was open discontent among teachers and parents in a number of the schools, in some of them results were generally recognized as poor, and in others there was simply chaos.

There were many reasons for the failures. Many experimental schools had insufficient finance and lacked the basic teaching materials such as libraries and teaching aids. The teachers themselves were totally unequipped for the gigantic task of planning and coordinating their own teaching programmes because of the failure of the government to reform the university system and to introduce good post-graduate teaching courses.

But perhaps the most important factor behind the failures of experimental schools was—and is—the disillusionment of teachers with their professional and salary prospects.

The government quickly became disillusioned with its experimental schools, but mainly because of the extra cost of teachers, and facilities such as midday meals. As a result, plans to introduce full-time schooling into a reformed school system have been quietly dropped.

Meanwhile the experimental schools are gradually being starved to death. New ministerial regulations have cut the budgets of schools which began a full-time programmes in the past year. This means that extension of full-time schooling in Italy is now virtually impossible.

Finland

An earlier start to schooling?

Mike Duckenfield, Scandinavia correspondent, looks at the predictions of a Nordic Council report

Fewer school marks, greater local power over curricula and increased nursery provision are among major trends projected for education in the three Scandinavian countries and Finland and Iceland during the next decade in a recent Nordic Council report.

One possibility is the lowering of the starting age for compulsory schooling from seven—Europe's highest—to six. The Finnish government have already said they will make the change and Norway is currently considering it.

Most Nordic local authorities have gone some way towards meeting parental demand for pre-comprehensive classes for six-year-olds, but availability is still patchy. It is good in towns, but poor elsewhere.

Two years ago, Sweden—one of the most backward in nursery provision—launched a massive five-year programme to create 100,000 new places by 1980. The proportion of all pre-school children whose parents work or study that can be catered for is expected to increase from 60 to 80 per cent.

Other trends predicted in the report include the growth of school councils, more flexible curricula, less streaming and the creation of a smoother transition between comprehensive and upper secondary schooling.

The report, *Grunnskolan i Norden*, by Jostein Osnes of Tromso University in Norway is part of the Nordic Council's programme to coordinate educational development in the five nations. It follows a previous survey in 1968 by Sixten Marklund of the Swedish National Board of Education, and charts the common progress of Nordic education in the last nine years.

The biggest change is the introduction of a nine-year comprehensive school on the model legislated for by Sweden in 1962. Fully implemented in Norway and Denmark, the reform has so far taken seven years in Finland. It reaches Helsinki this August and the whole country by 1981-82. Iceland's three-year-old law is expected to be fully in force by 1984.

Nevertheless differences remain. While only 0.4 per cent of seven to 16-year-old Swedes and Norwegians go to private schools, 18 per cent of Finns in the age group do so and, in Denmark, 5.2 per cent of seven to 13-year-olds and 9.1 per cent of 14 to 16-year-olds attend private tuition.

Both Norway and Denmark allow pupils to leave at 14. In Denmark about 2.2 per cent leave (just over half to enter vocational training) while 0.91 per cent of Norwegians leave before the final year and 3.5 per cent during it.

The comprehensive schools have seen the strengthening of general subjects at the expense of specialization, a sharp decrease in streaming and, more recently, the reduction in the number of options. The principles are that all pupils should remain in the same, unstreamed class throughout their school career and that choice of options should not affect later studies.

However, streaming still exists in the final two school years (the last three in Sweden) except in Norway. Common compulsory subjects make up 85 per cent of the final two years in the Norwegian timetable against 60 per cent in Sweden and Finland and only 50 per cent in Denmark and Iceland.

Options have been phased out for all under-14s in three countries and for all under-15s in Norway and Finland. But the range of subjects still remains wide, usually including a second or third foreign language, economics, commerce, technical subjects and the arts.

Basic skills (mathematics, native and a foreign language) account for about half of the teaching, with the rest divided more or less equally between practical and aesthetic subjects and natural and social sciences, including history, geography and religious education.

While the sciences take up more time as pupils get older, practical subjects occupy most time between the ages of 10 and 13 and basic skills dominate the first three and last three years of school. In Sweden (the exception) basic skills progressively take less time and the other subjects more.

In the future, the report foresees the increasing integration of traditional subjects into multi-discipline blocks. This has already occurred in Sweden and Norway where history, geography, civics, chemistry, biology and physics have been united.

This, and the introduction of more subjects without a fixed place in the timetable, should give teachers and schools more power over curricular content. Decentralization of decision-making is also being promoted through reforms like the SIA legislation in Sweden (*TES*, April 2, 1976).

Untimetabled subjects in all five countries currently include traffic and sex education, tuition about alcohol, tobacco and drugs and vocational guidance. Others—increasingly common—include consumer affairs, nutrition, health and hygiene, safety and tuition on sex roles, baby care and family life.

Big changes in marking and evaluation seem certain. Government commissions in four countries are either sitting or have recently reported.

Marks are generally given in all compulsory subjects, though Norway, Iceland and Finland also give them for orderliness and industry. These are expected to decrease.

Scales are likely to get smaller. Iceland with 11 grades and Denmark with 10 have the most extensive scales. Finland's seven are expected to become five, the same as Norway, while Sweden's five are likely to disappear altogether.

The number of occasions on which marks are given will also decrease. At present, it varies between Finland's 14 and Iceland's nine to Norway's six, Sweden's five and Denmark's four. With two terms a year the maximum possible occasions is 18. Local discretion, as in Finland and Sweden, may become more widespread.

Another change, following decentralization and worker participation, will be the proliferation of school councils.

However, a common Nordic model seems unlikely. Existing councils in Denmark and Finland are parent-dominated, while teachers hold most power in Iceland. Sweden's plans to adopt Norwegian-style councils balancing pupils, teachers, parents and other school employees have been temporarily shelved.

The report also projects the growth of comprehensive upper secondary schooling with the integration of academic, vocational and technical courses along lines similar to changes in Norway and Sweden.

Time pupil spends on tuition during school career (per cent).

	Den	Fin	Ice	Nor	Swe
Basic skills	53	45	51	44	47
Social and natural sciences	25	29	24	30	27
Practical and aesthetic subjects	22	26	25	27	26

Holland

Government gives subsidies to keep young at work

from Lynn George

AMSTERDAM

The package of temporary measures introduced last year by Dr Jaap Boersma, Minister of Social Affairs, to fight youth unemployment has been extended and in some cases expanded for a further year.

From the 190,000 school leavers who left school this time last year all but 12,000 have now found jobs. It is difficult to gauge, however, how far those who are working owe their jobs to the success of the measures. No official investigation on the effects of the measures on the labour market has yet been made.

Since 1966 unemployment among young people has risen steadily. In that year 24 per cent of all unemployed were under 24 years of age. Eight years later in 1974 the figure had risen to 32 per cent and in 1976 to 40 per cent. No official percentage is yet available for this year but there is a strong chance that 170,000 school leavers coming shortly on to the labour market could well push the 1976 figure further up.

The 215m guilders (about £48m) allocated in 1976 for the measures will be supplemented by a further 100m guilders. The money will mainly be used for premiums for employers.

For instance, employers who engage any young person between 17 and 22 who has been continually unemployed for at least six months may continue to draw 650 guilders a month subsidy for a year towards his wage costs. This figure represents up to 70 per cent allowance towards each young person's salary.

Premiums for employers to stimulate and safeguard job-training opportunities for school leavers are being increased this year. Every employer who engages a school leaver and provides him with an approved apprenticeship receives a premium of either 100 guilders a week (previously 80 guilders) or 75 guilders (60) if the youth falls under the Part-Time Education Act.

The latter is for young people who have completed 10 years' compulsory education and do not wish to stay on at school any longer. They are then obliged to attend either an education institute or an apprenticeship training school for two days a week for one year.

To safeguard the second year of apprenticeship 50 guilders a week premium for employers for every second-year apprentice has been introduced for the first time this year.

A scheme for young people under 23 who work on non-commercial community projects for at least one year is to have an extra subsidy of 25m guilders in addition to the 45m guilders already allocated last year.

Spain

Church attacks after fears of secularization

from James Connell

BILBOA

The already strained relations between the Spanish private education sector and central government have deteriorated following an attack by the Church Education Authority on the growing "secularization" of the education system.

About half of Spanish education is provided by institutions other than the state, and is dominated by religious bodies which traditionally cater for a wide social mix. The conflict has been deepening as many schools closed down in face of spiralling costs and demands from increasingly militant teachers. The ministry, although anxious to extend its powers, was hampered by shortage of funds, and it introduced a controversial system of indirect grants to private schools.

Institutions serving children from lower income groups were given preference and an almost total subsidy for tuition, while high cost establishments were helped considerably less. There were complaints about some of the controls imposed, such as restrictions on school fee increases.

In an open letter to the Education Ministry, the Church condemned mass state-run education and claimed that choice should be made available to parents. It says any attempt to have total state education would be a dictatorship of concepts and ideas, and undemocratic.

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Caning: Britain could be right

Sir,—I am lucky enough to work in an urban comprehensive school of nearly 2,000 where (with the inevitable occasional hiatus) staff are civil to, and get on well with, both youngsters and parents. Judging from Mr Newell's article "Spare us Europe's blushes" (June 10), things must be very wrong here, since occasionally we tawse a young malefactor.

What is more, it is done with the support of the staff, and more than 99 per cent of our students. Could it be that they are realistic in regarding their dignity and freedom to walk in peace as protected by my declared commitment to sort out the (very few) bully boys who try their luck, which senior staff sometimes (and I am glad to say rarely) feel they must do by giving a mild reminder that physical pain is unpleasant?

Having cheered myself up in this vein, I go back to Mr Newell, and am put firmly in my place again on reading that the European teachers' unions will have none of such barbarism. A few pages further on, Mr Woodward of Newcastle University reminds us that no Eastern European country uses the cane. It would be unfashionable of me to suggest that the British could be right, and the rest wrong.

But what about the argument that our schools provide richer opportunities for, and get closer to, their pupils than those in Europe, perhaps with a resulting need to retain a father's right to chastise? To be sure, if we had a secret police of the quality seen in the East, I will bet we should not have to look twice at a dissenter: child or adult.

And that situation comes a step nearer, doesn't it, when writers like Mr Newell put the inverted commas of contempt round "professional", when referring to those whose views he disapproves of?

JOHN BELL,
Head, T. P. Riley Comprehensive School,
Bloxwich, Walsall, West Midlands.

But eastern Europe hardly needs it

Sir,—It seems to me that your correspondent, Mr P. J. Woodward, writing in the *TES* of June 10, has not chosen particularly well in selecting the example of the Eastern European countries to defend his case against the use of the cane in this country.

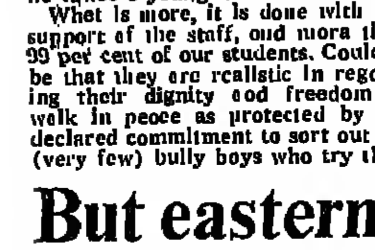
There are several factors which are so different in the Eastern European education systems that a fair and reasonable comparison cannot be used here. In Russia, for example education to as high an academic level as possible is generally encouraged. High academic attainment in Eastern European society generally is not viewed as the socially divisive factor that it too often appears to be in this country.

Actual classroom practice is rigorously controlled by a centralized organization, and the atmosphere in the classroom is far from progressive, in that desks are all facing towards the teacher, rote learning is de rigueur and children may not speak to the teacher without permission to do so. "Doubling" for children not attaining required standards is normal practice.

Parents are actually held responsible for their children's behaviour and called publicly to account for misdemeanours, either during parent-teacher meetings or at their place of work. Conduct marks are, if anything, more important than academic ones.

With such support, what teacher needs a cane?

SARAH BELL,
Erlands Cottage,
Bowling Alley, Crondall,
Farnham, Surrey.



"*A rather pointless expression against authority, I feel.*"

Racial statistics

Sir,—Your reference in the article on multi-racial education in Liverpool (June 3) stating that Bradford, along with Birmingham, has "started up again" the keeping of statistics on minority ethnic groups in schools using a "rough face colour count" is not an accurate reflection of the situation in this authority.

In fact, annual reports have been produced since 1965 without a break which have made many detailed statistics freely available. Alongside these, the DES statistics collected up to 1973 appeared unduly limited.

Fears that statistics so produced could be misused have proved groundless. We have always felt it important that members, officers, teachers and the general public should be able to see the extent to which our schools are becoming multiracial and to appreciate the need for special educational measures to try to ensure equality of opportunity for all children.

W. R. KNIGHT,
Director of educational services,
City of Bradford Metropolitan Council.

Prestige within our grasp

Sir,—Although we shall have to wait to see if Brian Bird's misgivings concerning the quality of craft, design and technology teachers likely to emerge from the retraining courses are justified (Letters, June 3) ample evidence exists of the success the various one year special courses for mature entrants from industry have achieved since they were introduced in 1960.

To imply that the entry of such men "with vague and often irrelevant industrial experience" into teaching "can only lead to a fall in morale . . . and a lessening of prestige" is untrue and unfair to men who enter the profession because of a long held desire to teach and despite the often severe difficulties which a change of career imposes on them and their families. Many accept a loss in salary in return for the satisfaction teaching offers.

Those of us fortunate enough to teach such students (I have acted as course leader of the one year special course at this college since 1971) are in no doubt as to their motivation, enthusiasm, academic ability and technical excellence, or their maturity as teachers after only a few weeks' experience. The assessors who scrutinize their work, and advisers and headteachers who employ them comment on these qualities and value highly the contribution they make to the profession.

Industry offers a rich and relatively untapped source of craft, design and technology teachers who have the experience of applied design and technology to play a major part in developing design awareness and an understanding of technology which may encourage a larger number of able pupils to pursue careers in applied technology. In so doing they can only increase the morale of a subject area which has waited a long time to gain the prestige which is now within its grasp.

An opportunity to meet a group of one year course students and to examine all of their course work (not a selected sample) will be provided at Crewe and Alsager College of Higher Education on June 24 and 25 to which critics and interested visitors are invited.

A. W. HARLEY,
Crewe and Alsager College of Higher Education.

Mastery for individuals in a mixed ability class

Sir,—It was good to see Margaret Reid, in the article "Mixed Feelings" (June 10), beginning to negotiate a way through a lot of the dead wood and complex paths which are connected with the various problems surrounding mixed ability teaching.

May I be allowed to add comment to the idea that "group work is often seen as essential to mixed ability teaching". All too often a teacher approaches a class of pupils with a set of preconceived ideas of outcomes. He expects a certain percentage to do well (and this is not a very high percentage), the vast amount of pupils will fall on the average line and then there will be the failures.

Group work, in the vast number of cases, perpetuates this idea of the normal curve. Work is prepared for each group which helps them to maintain the status quo, the brightest are stretched while the weakest are satisfied and so the normal curve of performance remains.

I would contend that the aim of mixed ability teaching is to improve each individual, and that the approach needed is very much in keeping with the ideas of mastery learning. Basic to the whole idea of mastery learning is the idea that almost all students can learn to high levels. The method used is to divide the learning tasks into a number of well defined subtasks and the student works through each task independently until the required level of mastery has been achieved; together with this is an extensive use of formative evaluation.

Mixed ability teaching aims to improve the learning for the individual learner. My own experimental research, carried out in the first year of a comprehensive school, showed that if the work is structured correctly then all pupils can use the same material, all can proceed at an individual rate and all can achieve a far higher degree of success than is normally found.

I agree that organization, preparation, assessment and catering for all are the important threads; I would suggest that the mastery learning approach to mixed ability, and not group work, provides the opportunity of drawing these threads together to provide efficient learning-teaching situations.

JOHN HACKETT,
Deputy Head/Director of Studies,
Heathfield High School,
Cradley Heath,
Warley, West Midlands.

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Proper standards?

Sir,—I read Mr Jack Hendy's call for a closed shop for college lecturers in your report of the NATFHE conference (June 10). Since those who wish to dissociate rather than associate "have no rightful place in institutions dedicated to the inculcation of proper standards of conduct", I want to know how Mr Hendy defines proper standards of conduct as they apply to teachers.

Is it possible that, before 1984, in trying to do my job well, I may find myself excluded from Mr Hendy's closed shop and, according to some "proper standard", dismissed from my teaching post?

J. C. DAVIES,
4 Le Marchant Avenue,
Lindley,
Huddersfield.

CSE no grounding for As

Sir,—In defending CSE Mode III, Andrew Finch (Letters, June 3) overstates his case somewhat. Mode III is an excellent examination for those pupils for whom it was devised, and few informed people would deny its beneficial influence on teaching methods and GCE syllabuses and procedures.

However, from my experience as a former Mode III teacher and examiner, this examination does not extend sufficiently the very able pupil. A CSE Grade 1 pass in a modern language for example is not an adequate foundation for A level courses or indeed other more advanced language examinations not based on a study of literary texts.

I have watched in dismay, year after year, students with a CSE qualification embark confidently on such courses only to discover that they were both inadequately prepared and unable to meet the very different demands placed upon them. If all students were to follow CSE courses, valuable time would have to be spent at 16-plus finding out which students could cope with more advanced courses and then equipping these students with the lacking foundations.

I would like Andrew Finch to tell me how anyone, no matter how intelligent, could swot up enough French or German in a few weeks before an O level exam to pass. Any languages teacher will tell you that it cannot be done.

I am grateful that O level still exists to provide an objective yardstick to keep me and my students on our toes. I do not even find that it constricts my teaching methods. I certainly do not consider my belief in O level to be based on ignorance or prejudice.

GRAHAM PARKIN,
Stockton/Billingham Technical College.

Craft teachers can draw

Sir,—I cannot allow R. H. Edwards' letter "Is technical drawing out of line?" (June 10) to pass without comment. Replying to his suggestion that craft teachers are inadequate to teach geometrical or technical drawing at any level in the secondary school since their background is mainly craft, I would remind him that the majority of traditional craft teachers have studied the subject to A level (in addition to woodwork and metalwork) prior to their college training.

Add to these the large number of "engineers" with HNC standard further education training who also teach craft subjects in secondary schools, then I feel that craft teachers are quite adequate to teach the subject in question.

I suspect from the writer's comments that he advocates an expansion of the mathematics empire by snatching the teaching of technical/geometrical drawing from craft departments, but surely his colleagues and himself should get their own house in order first. One has only to glance through recent reports to realize the inadequacies of mathematics teachers teaching their subject in secondary schools—*Literacy and Numeracy levels of Welsh School Leavers*—CBI (Wales), *Numeracy and School leavers—from a survey of employers needs*—Sheffield Centre for Science and Technology, and many more.

However, it would appear that the writer's argument is based on the comments of a "young" craft teacher to which he refers, whom I suspect is a product of one of the latest progressive bandwagon of design-biased teacher training courses now operating in colleges of education (Loughborough and Shoreditch are typical examples according to your reader A. Green, whose letter "Illogical to axe this craft course" appears on the same page) where skills in technical drawing, mathematics and wood and metalwork are relegated to a secondary or supporting role to the design process.

Indeed teachers emerging from these courses are seemingly "jack of all trades: master of none" possessing skills better suited to the production of rather slick pretentious decorative stuff—although attractive the things are very superficial. If this is so then I fear the writer's comments on the inadequacy of craft teachers to teach geometrical/technical drawing are substantiated, but he should avoid making sweeping generalizations. There remains a high proportion of traditional craft teachers in secondary schools today in spite of the pressures to introduce design biased courses into the curricula.

J. P. THOMAS,
14 Rosemary Court, Morriston,
Swansea, West Glamorgan.

How to mark and stay sane

Sir,—I, too, could submit details of my marking schedules as a head of English in a secondary school. However, two much more important points emerge from this recent discussion.

First, I do not see myself as a proof reader and I would not wish my classes to regard me as such; "close-marking" has a place in English teaching, which is surely in the classroom, with the writer at hand to discuss his work with the teacher. Other forms of marking do exist, as is made clear in the Bullock report and I would certainly expect to see these taking place within the department.

Second, I am totally convinced that teachers are obliged to learn when to say no. There are well-documented pressures of work caused by [illegible] reorganization, adoption of mixed ability, in-service training, primary liaison, CSE moderation, subject panel meetings and so on, ad nauseam. We owe it our classes, our colleagues who cover for us, and our families to define for ourselves what is feasible and what impracticable, outside the classroom.

Should I ever allow the hours I do spend on school-related work after school to become three hours' "close-marking" a night I am sure that I would lose my sanity, as well as my interest in teaching at a rate of knots approximately equivalent to the increased mileage of red ink involved.

M. J. W. SIMMONS,
83 Ely Road, Littleport,
Cambridgeshire.

"*No, deafness is old hat Charlie. Plump for dyslexia.*"

English exam becoming less 'ordinary'

Sir,—Your correspondent Mr Sanderson must not be allowed to perpetuate the myth that there has been a "decline in the demands and content of examinations" (May 27). It is simply not true for the O level Cambridge English examination. Neither is he right when he suggests English teachers "lack the statistics to prove their impression" (of this decline).

In 1966, candidates had one-and-a-half hours to write either one or two essays. If they chose to write two, one was to be an expansion of details printed on the question paper. In 1977, all candidates taking the comparable paper had to write two hour-long essays—no spoonfeeding with ideas.

Although it is difficult to make equations with the two one-and-a-half hour comprehension papers, the 1966 paper was as follows:

Approximate numbers of words to be read and understood—700; six questions to be answered.

(1) Quote three phrases to support an idea.
(2) Give synonyms for four words.
(3) Give explanations for two phrases.
(4) Summarize one paragraph in 50 words.
(5) Summarize the other two paragraphs in 100 words.
(6) One single-sentence comprehension answer.
(7) Change six sentences from reported to direct speech.

The 1966 speech question was one of two alternatives candidates could choose. In 1977 all questions were compulsory, the approximate number of words to be read and understood was 1,300 and there were 13 questions to be answered.

Nine phrases had to be quoted to support an idea, synonyms had to be given for two words, and explanations for eight phrases. Instead of questions 4 and 5, candidates were asked in 1977 to select relevant information from the whole passage and arrange in two paragraphs in 150 words. Instead of questions 6 and 7, students were given seven much more detailed comprehensive questions including appreciation of figurative language.

Ten years earlier the papers were even less demanding than in 1966. I make no complaint since the Cambridge examination encourages good English teaching. But let it not be thought that today it is in any way "easier".

ERIC W. S. DARE,
Head of English,
Helston School, Church Hill,
Helston.

Letters for publication should arrive by Tuesday morning at the latest. They should be as short as possible and should be written on one side of the paper only. The editor reserves the right to cut or amend them if necessary.

Mania for change is why blacks fail . . .

Sir,—I have some sympathy in general with Margaret Maden's plea (June 3), as I understand it, for a more flexible approach in education—unyielding rigidity being one of our less attractive characteristics in this as in other spheres.

Yet, as an experienced teacher who has spent long hours in the classroom over the years, I am far from enthusiastic about her notion that standards might be lowered in the case of deserving pupils of a particular origin. Nor is it any good quoting the example of the United States where lowering standards under various well meaning pretexts has only made notorious the mediocrity of educational standards in that continent.

I believe that children today are being held back, if not actually penalized, by other factors—and Miss Maden seems to hint very honestly at this in her letter when she mentions teacher turnover and its effects; I put much of the blame myself on our current mania for educational change.

Two educational revolutions have caused particular havoc: the over hasty and often ill considered leap into comprehensive schooling and the advent of the new libertarianism with its philosophy of do-as-you-please. Chief victims have undoubtedly been children from unhelpful or impoverished backgrounds, especially in the big cities.

Having taught children of many different origins, I have noticed that pupils of oriental background have impressed me by their ability, their diligence and their eagerness to learn. But I am certainly not going to suggest that they should be set harder entrance examinations as a result. Stereotyping pupils is something that trendy progressives have been inveighing against in recent years—and we have certainly gone a long way towards appeasing them, perhaps not always wisely.

Setting up new categories of pupils to be given favoured treatment will not really solve any problems. Rather, we should be getting down to the task of educating properly all pupils according to their abilities and aptitudes—and perhaps being a little less hypnotised by dubious sociological notions, however well intentioned. Schools are for learning—an ancient truism that we have rather tended to forget recently. Therein may lie the real reason why pupils fail.

J. H. K. LOCKHART,
21b King's Avenue, London W5.

. . . just look at what happened in America

Sir,—It is surprising to find Miss Margaret Maden justifying a plea for "affirmative action" towards the admission of black students and women to higher education by reference to the USA. If she is aware of the North American experience in this matter she must also be aware of the hostility of the large majority of Americans towards these policies.

I have had a certain amount of personal experience of a similar situation. I lived for several years in Singapore when the Malaysian Government was practising "positive discrimination", in favour of Malay students seeking admission to higher education.

The result was that every well qualified Chinese student who did not gain admission was convinced that he or she was displaced by a less well qualified Malay. The Communist recruiting agents had a heyday in the Chinese secondary schools.

It is obvious from Miss Maden's letter that she is a compassionate person, but this is not enough. It is also necessary to reflect upon the likely consequences of our actions, and especially upon the experience of people in other countries who have trodden this path before us. The most likely result of introducing such a policy in the United Kingdom would be yet another increase in the National Front vote.

Surely the best solution for Miss Maden's black student would be to spend another year on his O level English. (After all the high turnover of teachers in previous years has damaged the education of children of all colours.) Then, if he gets it, he will know that whatever institutions he enters he is there by right, not because some whites thought the blacks could not make it on their own. Black self-respect will do much more for race relations than white condescension.

R. COLVIN,
Primary School, Episkopi,
Cyprus, BFPO 53.

Dig history, sixth-formers

Sir,—Sixth form history (Daniels and Brown, Talkback, June 3) certainly is in need of a drastic overhaul. Few who have taught it or its products can be very satisfied. For the sixth former it often seems like more of the same or just a let down after more stimulating courses lower down the school. Seen from the universities it is apparently unsatisfactory, to judge from the comments of Professor Elton and others. Their complaint is that sixth forms are producing "prematurely aged historians" who go on blinkered rather than fresh to their higher education, and who are not equipped to cope with the technical demands of their courses.

In meeting this need of looking at techniques and sources in the sixth form, there is a danger of merely sugaring the pill, or of concocting a disparate and unsatisfying course of oddments. The documents used in the sixth form are invariably edited and typed, chosen by the teacher to make a teaching point. Even individual work by sixth formers is all too often teacher controlled, to avoid straying too far.

Is not the sixth form in fact a good place to learn the problems of organizing one's own thoughts and research? Is not it also an opportunity to alert teenagers to the history that exists outside the printed page: museums, art galleries, ruins, peoples' memories, films and photographs, archaeological sites? Many archivists, museum education officers, archaeologists and curators are keen to encourage the interest of sixth formers and to give them guidance.

Sixth form history emphatically does not need to be improved, but rethought in the context of how sixth formers will spend their leisure time as adults, as well as the techniques they will need as students. Much greater collaboration between sixth form staff in different schools will be needed in developing such courses and in making a concerted attack on the examining boards. F and N levels will only be A re-arranged, unless there is a complete reassessment of the purpose of history in the sixth.

J. F. REEVE,
Education Officer,
The Castle Museum, York.

Careering ahead in Kent too

Sir,—May I refer to your article headed "London gives Priority to Careers Guidance" (June 10) which states "the authority (London) must be the only one in the country that maintains a full-time inspector of careers education, as distinct from its careers service and its advisers".

The Kent education committee has, I believe, already employed a full-time inspector of careers education for at least a year, Mr J. D. Plumb. He has done excellent work and given good advice to careers teachers, especially at in-service courses at Eversley College. One of these courses was run with the help of the education officer of Reed International (Mr S. Lloyd-Jones), and strengthened an invaluable link between Kent schools and industry.

I would also like to express my agreement with the comments made in your front page article on the Holland report. I feel that it will be increasingly difficult to encourage pupils to apply at the right time for places on the excellent vocational courses at technical colleges or, indeed, to decide to extend their academic education and to improve their qualifications if, after resolutely doing nothing about their own future, they will be offered £16 weekly to have important decisions made for them, after the school leaving date.

MARY R. NIGHTINGALE,
The White House,
Wormshill,
Sittingbourne, Kent.

Money inadequate—not parents

Sir,—It would be easy, if unproductive, in your vituperation on the head of Professor Hawkins of the University of York for his unfeeling condemnation of inadequate parents, as reported in the *TES* (June 10). However, I hope that the headmistresses who heard him realized that at least part of the answer to the problem is already in their hands. How much of their resources of staff time and finance do they devote to parenthood courses in their schools?

I know that many schools do run this sort of course, sadly often only available to the non-academic, but time and money are seldom adequate. I know of schools in my county where experienced playgroup tutors (people who teach adults about running playgroups) are asked to help with courses on child care and parenthood, perhaps for a whole term yet there is no money available to cover their materials or travelling expenses, let alone a fee. This situation is often extremely embarrassing, especially for the head of department who is responsible for the course but has not been allocated any extra funds.

May I, therefore, appeal to the headteachers who find so many parents inadequate. Please consider a little redistribution of resources in your own schools so that you can help this generation of teenagers to understand more about the responsibilities, and the joys, of parenthood than a majority of their own parents do.

DIANA DOBSON,
Voluntary county organizer,
Suffolk Pre-school Playgroups Association.

Governors govern OK

Sir,—Mr Peter Jaggar ("How amateur interference upset staff" (June 3),) does less than justice to the "well-meaning amateurs" who govern his school and telescopes considerably the sequence of events leading to the addition of one subject to the final option.

There were three meetings of the governors—one, incidentally, on a Sunday morning—before the change in the curriculum was made. Moreover the governors did not "direct that an academic subject must be inserted" which implies that the headmaster was forcefully overruled. The decision was arrived at after thoughtful debate and was taken only after the headmaster had studied whether such a change were possible, and with his agreement and that of the senior member of staff appointed to the governing body.

Mr Jaggar also neglects to mention the well attended open meeting where parents of children in the first three years were able to put their points of view to the governors, and where Mr Jaggar put his. He should remember that public relations are an essential part of a school's work where a newly organized school has to establish itself as worthy in parents' eyes.

I regret no less than he does that suspicion resides mainly in the minds of parents of potential grammar school children, but it is a fact which must be faced. In order to make progress in curriculum development, an aim which he and I share, a school must win the trust of the parents sending their children, or no progress is made at all.

I would be very unhappy if the decision reached amicably by the governors, who include, remember, the headmaster and a senior staff member, had indeed angered and alienated a group of teachers. But I suspect Mr Jaggar's undoubted disappointment may be clouding his judgment, as it appears to have done in his assessment of the governors' action.

Incidentally, whom does Mr Jaggar classify as "amateur"? Five of the governors other than the headmaster and staff member earn their living from the educational service, and are no novices in educational matters. Four of us also have children in the school and are enthusiastic in our support.

JEAN BROWN,
11 Lumb Lane,
Huddersfield.

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Sport

Jubilant Mark Rees after scoring the goal that put England schoolboys ahead against West Germany at Wembley on Saturday. His joy was shortlived. The West Germans came back with goals in the second half to win 2—1.

Tournament net cast wider

The mass participation Nestlé tennis tournament, which has groomed many of today's young crop of players has changed its format this year. Instead of being based exclusively on competition within schools, it has now been opened to junior sections of tennis clubs.

Some 100 clubs have joined 650 schools in this year's event, which starts off with a ladder competition within each school or club. Winners from school and club indoors play each other in a knockout, culminating in finals at Queen's Club, London, on September 8-10.

Fears as top youngsters swim with American tide

by Asif Khan

American universities will continue to attract talented young sportsmen and women from Britain unless they are offered similar opportunities here, a top swimming coach has warned.

Mr Hamilton Bland, director of coaching at the City of Coventry Swimming Club, wants talks between sports administrators and educationists to help stop the drain.

His warning came after two of his charges at Coventry, David Parker and Debbie Rudd, both members of the British Olympic team at Montreal, announced that they were joining American universities.

Parker, of Baldoke School, Coventry, who is a 1,500 metres freestyleist, is to study physical education at the University of Southern Illinois. Miss Rudd, who attends Henley College, is a 200 metres breaststroke specialist. She is going to the University of Southern California at Los Angeles. Both received a number of offers from United States universities.

Parker, a former captain of the British youth swimming squad, said: "I will be able to devote far more time to the sport than I could at university in England. I shall swim for the university, obviously, but I want to compete for Britain when possible."

Mr Bland, a former teacher and Olympic coach, said: "You can't blame anyone for accepting a scholarship in the United States. Until Britain can match the swimming opportunities offered in America, the trend will continue.

"American universities are sympathetic to the training needs of top-class swimmers. At present David and Debbie are in the Coventry pool at the crack of dawn and in the evenings. It's a long day with examinations studies in between. In America they'll be swimming from seven until nine in the morning and two until four or five in the afternoon, which is much better figures.

"Somehow we must fit our top-class swimmers into the system of higher education, comprising five or six hours of training on the curriculum as is done in America. Allowances must be made for those competitors of world-class level and needing to devote in their sport. This bringing prestige to this country.

Mr Bland has suggested a meeting between industry leaders and heads of institutions in Coventry to discuss the situation. He hopes more of Coventry's promising swimmers could be lured to the other side of the Atlantic.

Miss Rudd is the third swimming girl to win such a United States scholarship; Christine Jacobs is at the University of Alabama and Sandra Dickie studying at Miami.

● Swimming is not the only sport at which American universities are offering scholarships to British students. Mark Holland, aged 18, a boy from Millfield, has won a scholarship in Rice University, Texas. He has captained Somerset shire in the national inter-county final and was also a member of the British under-18 team last year.

Holland, who will be reading economics in America, decided to remain at school instead of joining the official Lawn Tennis Association's full-time playing squad after eight O-level passes encouraged him to stay at Millfield to pursue his academic career.

Australia sends under-19 team

A 15-strong squad of young Australian cricketers arrived in England last week for a 12-match tour, a major move by the Australian Cricket Board which has only recently begun to show an interest in youth cricket.

During their month's trip, the Australians, all under 19, will play internationals against England at Arundel and Lord's in early July as well as fixtures against teams selected by Ted Dexter, Colin Cowdrey, Tom Graveney, Richie Benaud, Mike Smith and Basil D'Oliveira.

When the team was announced some weeks ago, much was made of the fact that it includes a fast bowler by the name of Geoff Thomson who is, however, no relation to Jeff Thomson, the demon bowler in the senior Australian Test team.

Another young man who arrived with a glowing reputation is Tony Handcicken, who has already played Sheffield Shield matches for South Australia.

Beryl Mitchell (left) and Linda Clark (right) with international coach Penny Chivers

New shell brings success

by Stanley Levenson

The enterprise and determination of two teachers to improve their rowing has earned them the backing of a chain of department stores.

Linda Clark, of Paddington School, London, and Beryl Mitchell, of Dunraven School, Streatham, London now have use of a boat presented by British Home Stores.

The pair began after the Olympic Games in Montreal when Miss Clark and Mrs Mitchell made 11th in the coxless pairs. They believed that to improve on this and get on terms with foreign rivals they needed a first-class craft. They wrote to a number of businesses asking for sponsorship and British Home Stores responded by buying them an Empacher boat.

In their first international outing in the new shell they won two events at the Mannheim Regatta and followed this up with a second place and a third at the Resselring Event, also in West Germany.

Technical footnote: The Empacher is a plastic moulded boat whose smooth, finish cuts down hull resistance.

COURSES

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Looking in the wrong place

Rob Jeffcoate argues that a new book on the school experience of West Indian children, written by a black American academic, fails to deal with 'the overt and covert forms of racism'

Phyllis is a West Indian in my fifth year CSE set. She is articulate, hard-working and vivacious; and excels in cookery, music and sport. Popular with staff and pupils, she holds particular away over black children in middle and lower school. She is also velotile and prone to moments of self-doubt—even self-denial. When the black group failed to turn up for last Christmas's youth club dance, she is reported to have said: "Typical! You can't trust coloureds."

Shortly afterwards I was reading *Lord of the Flies* with half of the set; she was the only black pupil present. We came to the part where Piggy shouts at Jack's tribe: "Which is better—to be a pack of painted niggers like you are, or to be sensible like Ralph is?" Eleven eyes turned on Phyllis and a couple of white boys guffawed. She bridled angrily—"Just 'cause I'm the only black kid here".

At the end of the lesson I talked to her. Yes, she quite understood how Piggy had come to say what he did, but she had been deeply upset by her white classmates' mockery. It brought to mind all those other occasions—at school, in the street—when she had been abused for her colour. Yet, her experience of white racism has not pushed her into militancy or separatism. She remains a staunch integrationist—"there's good and bad in all races"—and is fiercely critical of the anti-white stances taken up by other black youngsters.

Once, she told me, she had gone to this dance, only to realize when she got there that it was an all-black affair. She felt actually embarrassed (it seemed a denial of her many white friendships) and took it out on the first boy to ask her to dance. He asked in Creole and she refused "in Birmingham", knowing that the choice of white speech would wound more than the refusal.

On the other hand, she is an avid reader of the black books in the school library, being especially excited by Linton Kwesi Johnson's collection of dialect poems *Dread, Beat and Blood*, and has organized and directed a dialect play (a rehearsal of which I was watching one evening when the school caretaker came up and whispered in my ear: "What's this all about? Witchdoctors?").

For a career Phyllis's first choice was the police, but family and community persuaded her that this was not quite appropriate for a black girl. She then set her sights on teaching home economics (she would make an admirable teacher), but at her interview for further education college it was suggested that nursing might be a better idea.

Obviously, this portrait is partial and subjective, since it represents one white teacher's selected perceptions. But some of its features will find echoes in the experience of many teachers in multiracial schools. It illustrates the range of pressures bearing on black children, and the tensions and conflicts they have to negotiate.

In two ways, however, Phyllis's portrait does not match the white teacher's stereotype of the black child. She is not an underachiever and she is not a behaviour problem; and it is on these two counts that West Indian children have so regularly been presented as the most intractable of all the seemingly insuperable difficulties confronting inner-city schools.

A succession of reports from Government bodies and community organizations (the most recent, by the House of Commons Select Committee on Race Relations and Immigration, was published in March) have testified to the underperformance of West Indian children in standard tests and examinations, and to their overrepresentation in bottom streams, remedial classes and schools for the maladjusted and the educationally subnormal.

At one time it was possible to attempt an explanation exclusively in terms of cultural discontinuities—dialect interference, permissive school versus authoritarian home—and/or putative deficits in West Indian family and community life—inadequate linguistic stimulation in early childhood, high incidence of child-minding, and one-parent households.

The new sociology called much of this into question; black children were not, se much failing, it asserted, as being failed. In a trenchant polemic published in 1971 *How the West Indian Child is made Educationally Subnormal in the British School System*, Bernard Coard argued that poor attainment was due to the administrative apparatus of institutional racism, low teacher expectations, and the daily depradation of black language and black identity in the classroom.

A total explication would no doubt have to be, as the educational researchers say, multifactoral, but what those who incline to Coard's thesis have crucially to account for is why West Indians do so very much worse than Asians who, after all, have also to contend with prejudice and discrimination. The head of a school not far from my own is en record as saying that if her sixth form were restricted to A level courses it would be 100 per cent Asian.

To say that such a statement—the "Asian" read "West Indian" is scarcely conceivable is merely to underscore how desperate things are. They have certainly been exacerbated by the increasing alienation of black youngsters from white society. In the new mood of black militancy, school is almost as inimical an institution as the police, and truculence in the classroom as justifiable a form of black resistance as having no truck with menial jobs.

Against this backgrouud the prospect of a book on West Indian children in British schools by a black American academic, with a published evaluation of black studies programmes in American schools to his credit, was more than welcome: it held out the promise of fresh insights and analyses, and of pointers to unsuspected resolutions.

It is particularly displeasing that Professor Giles's book is something of a shambles — clumsily written, disorganized, repetitive and tedious. As a piece of educational research it hardly passes muster. Its claim to make pronouncements about the predicament of West Indian children in "British" schools is founded on 17 "case studies" of primary and secondary schools in the ILEA.

These consisted of singularly uninformative questionnaire returns and taped interviews with heads, deputies and (occasionally) other members of staff, relayed to the reader through the infelicitous medium of indirect speech. What do they yield us? Pages and pages of headteacherly guff.

A few heads have exchanged the old claptrap about not noticing racial differences ("they're all just children") for the new shibboleths of self-image and cultural identity, but guff, for the most part, it remains. The general tedium is alleviated by odd interviews with community workers and by precisely two with the children themselves.

In one Professor Giles mercilessly grills an 8-year-old boy of mixed African/Trinidadian parentage who wants to believe, for obvious reasons, that he is half-African (his mother's half) and nothing else. In the other, a group of black teenage girls lambaste (quite rightly) the screwball hypocrisy of liberal [illegible]

Reference to other work in the field is pure scissors-and-paste ("X says this and Y says that"), and direct school observation minimal and of breathtaking naivety ("I observed by looking at the student body that a number of students from ethnic minorities were in evidence").

The book's saving grace is its anecdotes, and these, sadly, only serve to confirm how bad relationships are. A head recounts how she was walking along the road hand-in-hand with a 5-year-old black boy when he said: "My father shouldn't see me now . . . walking up the road with a white woman." Another infant head tells of a black 7-year-old who on being reprimanded by his teacher, called her a "white racist pig".

At one secondary school (not in the sample) a "state of warfare" is said to exist between the staff and the black students. And a black studies teacher describes how black secondary school students objected to whites joining the class—"Get de rass outside here, mon, dis de black man tieg."

Perhaps the most important point about these and similar incidents (and it is one which Professor Giles makes emphatically) is that we should resist the temptation to concentrate "on the symptoms of the black pupils' response to racism" to the neglect "of the elimination of its causes".

Professor Giles's sub-title anchors his analysis to the old argument over ethnicity and social class. Like others before him, he criticizes the Government's dotty decision to subsume the needs of racial minorities under the general concern over educational disadvantage, and the failure of most schools to recognize those same needs, and hence to revise policies and curricula.

There are one or two honourable exceptions in his sample, and others who, while admitting the needs, do not quite know what to do about them, or are frightened of a white backlash, or settle for curriculum tinkering which may actually do more harm than good (such as one secondary school's "third year geography course based on underdeveloped countries, which included the problems of the West Indies").

Suddenly at the end, however, in something of a volte-face, Professor Giles appears to conclude that what black children really suffer from is "social class isolation", and that if only they could, like himself (we are permitted a tantalizingly brief glimpse into his autobiography), make it out of the ghetto, all would be well, or almost.

As to his four recommendations, I found the two research proposals somewhat less than transparent. The other two—in-service training and the development of genuinely multi-racial curricula—are, of course, time-honoured, but it is important that they should be seen as minimum requirements rather than curaalls. The school in his sample that has clearly done more than any other I know to make multi-racial education a reality still reports that the group "causing the most problems in a violent, aggressive way" is the West Indians. A black studies teacher comments in the book that "the reluctance of black students to do work which involved research, reading and writing was . . . as real a problem in black studies as it was in other topics they took".

It is a pity Professor Giles should have opted for a kind of updating of Schools Council Working Paper 50, *Multiracial Education: Need and Innovation*, for his research design, and wasted so much time talking to heads and their deputies. If it is because, like Bernard Coard, he believes that teachers' attitudes constitute one of the major obstacles to black children's progress at school, then he was looking in the wrong place.

The attitude teachers express in questionnaire returns or taped interviews are of little account; he himself notes the frequent discrepancies between what heads say is going on in their schools, and what is actually going on. The attitudes that matter are those manifested to children in teachers' classroom behaviour—all the overt and covert forms of racism.

It is to these, and the mechanisms whereby they operate, that researchers should be directing their attention.

Rob Jeffcoate is head of English, Nechells Secondary School, Birmingham. He was formerly research officer for the Schools Council/NFER Project, "Education for a Multicultural Society".

"The West Indian Experience in British Schools" is published on Monday by Heinemann Educational (£2.20). A further review appears on page 21.

Backwards to Europe

Will the current preoccupation with 'standards' and control of the curriculum bring our schools more into line with those on the continent? And if so, do teachers and parents know what may follow? At the end of a year spent looking at British primary schools, Karl Heinz Gruber offers some sobering comparisons between the two systems

A widely used metaphor in the education debate is the "swinging-back of the pendulum". Many proposed courses of action demand the reintroduction, return to or re-establishment of this or that.

So far these usually highly emotional and vague expressions of discontent with the educational status quo have resulted in little more than nostalgia and masochism. If—as *The Times* wrote when Neville Bennett's *Teaching Styles and Pupil Progress* was published—"Progress is not progressive", back to where should the pendulum swing?

A brief look at Continental primary schools, where the pendulum has not even yet begun to swing, where "non-progressive" education is still standard practice, may provide a few sobering lessons to those who think the future of British primary education might lie in a rapprochement with the European tradition.

Generalizations about European primary education may be unfair to some schools and some teachers. But with the exception of the occasional Freinet école moderne, the odd Rudolf Steiner school and the few experimental state schools, there emerges a picture of fairly uniform and uninspired traditionalism.

One must neither be deceived by the impressive innovative visions generated at the OECD or the Council of Europe, nor by the complacent "factions" published by national ministries of education: all over Europe public concern, political controversy and, with the exception of Sweden, usually half-hearted reform efforts focused on the comprehensive reorganization of secondary education. Even during the shortlived educational renaissance of the 1960s and early 1970s primary education remained a non-problem, "kids'-stuff".

While British primary education seems to have been able and willing to revitalize and implement the heritage of Pestalozzi, Rousseau, Froebel, Montessori and Dewey, and to accept the challenge of new ideas, continental classrooms have stayed largely unaffected by this regeneration: what revolutionized the appearance and working of British primary schools ended up as "interesting" chapters in Continental textbooks on history of education.

Why has the gap between British and Continental primary education become so wide? Why has primary education progressed in Britain, but hardly at all on the Continent? Any attempt to explain

'English headteachers speak unashamedly of their intentions to create a happy school, a notion that would strike most of their continental counterparts as embarrassing, if not obscene: on the continent happiness is not an educational concept'

the anomaly will have to consider the two different administrative-bureaucratic contexts within which the schools operate.

On a continuum of bureaucratization of education, Britain would be way out on the non-bureaucratic end, while the countries of Europe would cluster near the bureaucratic. Of course both have "mixed" models of administration, but there is an enormous difference in the composition of the mix. There is also ample, though fragmentary and widely scattered, evidence to suggest that certain organizational features, ideas and strategies are functional and compatible with each other, but unthinkable within the opposite context.

It is highly significant that virtually all the European theory in the field of educational organization has been generated in Britain. Also, Continental educationists have great difficulty in finding indigenous words for such alien phenomena as grass-roots development, open-plan schools or, for that matter, progressive primary education.

The more conspicuous differences between the two models, such as the degrees of centralization and standardization, are well known. What is often not fully realized is that all factors are interrelated, and therefore affected by the prevailing organizational structure. Here are a few other features of the traditional Continental system:

- An absence of grassroots development, and the inhibition of the individual schools' creativity;
- A large corpus of laws and regulations controlling both the outer organizations and the inner, curricular life of schools;
- A tendency to give legal considerations priority over educational ones;
- The assumption that educational reform consists of occasional major legislative efforts, followed by prolonged periods of business-as-usual;
- An Inspectorate which inspects, but rarely offers professional advice;
- Restricted professionalism of teachers, who have civil service and work-to-rule attitudes;
- Strong boundaries between school and community, enforced by a traditional closed school architecture.

What is life like in schools shaped by such conditions, and what is their public image? Alas, the abundance of traditional teaching on the Continent does not resolve the appreciation an Englishman unhappy about progressive primary education might expect. Once one ignores the universal and perennial grumblings about falling standards (there are, by the way, some fine Ancient Greek Black Papers, whose standard is much higher than Dr Rhodes Boyson's), the education debates in Britain and on the Continent show some marked differences.

British primary schools are accused of demanding too little of children, of wasting too much effort on the quality of life in schools. European primary schools are frequently accused of demanding too much of children, and of being cruel and unhealthy. English primary school headteachers speak unashamedly of their intentions to create a happy school, a notion that would strike most of their Continental counterparts as embarrassing, if not obscene: on the Continent happiness is not an educational concept.

In German the word "school" [illegible] is becoming a dirty word. One [illegible] recurrent issues of the education [illegible] in the German-speaking world [illegible] warning against *Verschulung*—"school-like learning". In a rare [illegible] pre-school and university lead[illegible] in the name of freedom, self-[illegible] tion and relevant learning that [illegible] pective sectors of the education [illegible] must not be infected by sch[illegible] The irony is that all those [illegible] *Verschulung* derogatively do not mind that school-children have [illegible] in a way they consider unsuit[illegible] for pre-school children and stu[illegible]

Most of the teaching and [illegible] Continental primary schools is [illegible] ialnerized, collectivized and sy[illegible] The standard teaching unit is [illegible] group of 30 children, and [illegible] with one teacher in a rec[illegible] room that has a blackboard in [illegible] windows on the left (so that [illegible] writing hand does not ove[illegible] writing) and a door on the [illegible] always closed during les[illegible] new modern school buildi[illegible] structure is a corridor line[illegible] rooms of identical size and [illegible]

Life in classrooms is focu[illegible] teacher, who dispenses know[illegible] orally, through ministerially [illegible] textbooks and teaching aids, [illegible] blackboard from which children [illegible] their books. Since the whole class does the same thing at the same [illegible] classrooms have no bays, no [illegible] corners, no activity areas, no partitions. One therefore rarely [illegible] workshop-for-learning atmosphere [illegible] neatness and silence ("except wh[illegible] are asked") are generally [illegible] indicators of good classroom [illegible] ment.

The areas in the school outs[illegible] classrooms are non-teaching [illegible] designed and exclusively used [illegible] ment to and from classrooms [illegible] tories. Some countries have [illegible] schooling for six days per week [illegible] are neither school meals nor din[illegible]

One major reason for this [illegible] of teaching and school organ[illegible] that the isolated teacher with [illegible] group of children in a self-conta[illegible] room is the legally defined [illegible] the school system. In A[illegible] example, even a very modest [illegible] teacher cooperation in junior [illegible] required legislation of consti[illegible] character, that had to be passed [illegible] two-thirds majority in parliament.

'In Austria even a very modest amount of teacher cooperation in junior schools required legislation of constitutional character, that had to be passed by a two-thirds majority in Parliament'

'It is difficult to imagine English children being afraid of their infant school, but on the Continent there is growing medical evidence of psychosomatic disturbances caused by *Schulangst*, even among very small children'

Although national curricula and syllabuses leave the teacher more discretion than is commonly assumed, the range of learning experiences in Continental schools tends to be much narrower than in England. Children spend most of their time sitting at their desks, learning about but not through things. Discovery learning takes place after school, when children discover that there are real-life phenomena corresponding to their school wisdom.

The amount of pupil-determined work, and the opportunities to work at an individual pace, are very limited indeed. Since the whole class is the teacher's point of reference, he or she adjusts the progress and expected level of achievement to an imaginary class average.

For many children this means a rather frightened life between the Scylla of the school's standards (laid down in general terms by ministerial decrees, but interpreted and implemented by the individual class teacher), and the Charybdis of parental expectations and aspirations. It is difficult to imagine English children being afraid of their infant school, but on the Continent there is growing medical evidence of psychosomatic disturbances caused by *Schulangst*, even among very young children.

For a considerable number, even the first year of schooling ends with the traumatic experience of failure, of not having lived up to the expected standard. Feelings of guilt and shame, stoked by parental anger and disillusion, are reinforced by the highly questionable practice of separating these failures from their classmates, and letting them repeat the year's work all over again.

Of course most teachers are doing their best, but all too often they are administratively straitjacketed in their concern for the individual child. Not surprisingly, the majority are neither keen on change, nor particularly eager to get involved in innovations superimposed on them from the top.

It is one of the great ironies of the present Continental education debate that ministerial bureaucrats—prompted by OECD examinations which aim to disseminate innovations down the administrative hierarchy—should complain about legalistic attitudes, inertia and the minimal commitment of teachers, when these are natural reactions of a professionally amputated teaching force.

It is in the role of the head that the difference between the two types of educational administration becomes most apparent. While English heads are of fundamental importance to the shaping and running of their schools, their Continental counterparts can do little more than make sure that the school operates in accordance with detailed decrees and ministerial regulations. School monographs written by the head, or case studies of individual schools—vital elements of British educational literature—are non-existent on the Continent.

'Even the most formal type of British teacher would pass for a progressive on the Continent—if he or she would just stop smacking children'

It is true that the Continental systems of nationwide standardization and inspection prevent aberrations à la Tyndale, but it is equally true that they offer little encouragement to move beyond mediocre routine.

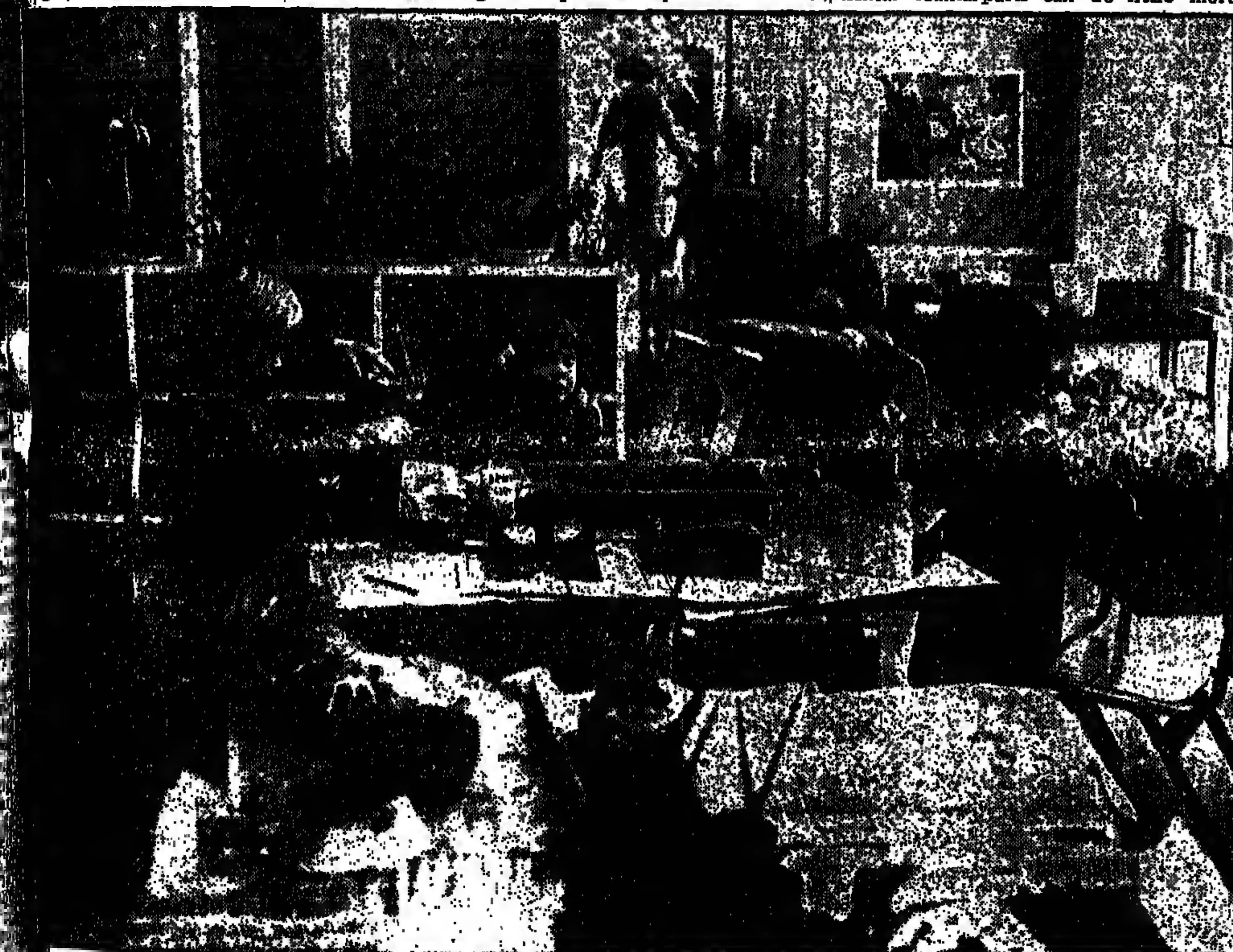
It may well be rash to see the British preoccupation with standards, a stricter Inspectorate, a stronger DES, the curtailing of teacher power as a symptom of a bureaucratic revival. But it is difficult to envisage benefits from a regression towards the European mean. What seems to be needed is the strengthening of the professionalism of teachers, through improved initial and in-service training, and national scaffolding of their work through research and development.

If one judges British teachers by the kind of decisions they have to make and by the effort they put into their work—their work load is considerably heavier and more comprehensive than that of their European counterparts—they are professionals. Judged by their training and self-confidence, however, many of them are still only semi-professionals. That there is scope for concerted national research and development becomes apparent when one considers the many dispersed attempts to develop records that safeguard the continuity and balance of the individual child's progress.

Regional and school-to-school variations in Britain make generalizations risky and unrewarding. How many schools are already progressive? How strong is the trend, if there still is one, towards the Plowden paradigm? How many good old traditional schools and teachers are there left? Without reliable national data (a rare thing in British primary education, but a possible outcome of the current HMI survey) generalizations from local or personal findings must be placed somewhere between wishful thinking and crying wolf.

Comparing teaching styles and classroom organization cross-nationally, one feels inclined to develop a new "theory of relativity": it is very likely that even the most formal type of British teacher ("type 12" in Neville Bennett's typology) would pass for a progressive on the Continent—if he or she would just stop smacking children.

Karl Heinz Gruber is a lecturer at the Institute of Education, University of Vienna. He is currently research associate at the University of Oxford Department of Educational Studies, researching developments in British primary education.



[A] day in the life of British primary school children: how would they fare under the "containerized, collectivized and synchronized" continental systems?

Coming clean

Dorothy Dallas argues for an atmosphere conducive to free discussion in sex education lessons

Some years ago the King's College mobile recording unit made a videotape of a good and experienced (as opposed to a struggling probationary) teacher giving a very basic sex education lesson to 12-year-olds in a comprehensive school. Teachers and students from all over the world have seen it and it elicits the same comment from all: "But they are not giggling or nudging each other — why not?"

It would appear that we lead the world in enabling young adolescents to learn about their sexuality in a "clean" atmosphere of discussion. We do not imitate the heavy pseudo-seriousness I have seen in tapes of Swedish, Finnish, Dutch or American teaching, where one feels that after the lesson the cork will pop into hilarity and the burgeoning of dirty jokes.

The reason is that these exchanges seem to be teacher centred, and pupils rarely talk to each other, whereas in the King's College tape, mixed ability methods are used. Pupils talk to pupils, while sometimes taking a group for film loop work, the teacher often acts as individual tutor.

One particular sequence is illuminating, as a boy questions the teacher on the anatomy of the penis, while two girls watch and listen with interest, and no one displays the least embarrassment. This sequence always excites overseas comment and admiration. What is the secret, they ask?

First and foremost, such an atmosphere depends on the attitude of the teacher which easily communicates itself to the pupils in the tone of voice as much as in the words used.

I have heard the sexual crusaders, using the exact opposite of Freud's emphatic denial, overproclaiming that It's All Right. I have heard noble teachers crucified by their own embarrassment, hedging and qualifying euphemistically. I have met some equally noble souls who have proclaimed that they are the last person in the world to teach sex education.

Every teacher has some part of the cycle of human sexuality which he or she is unsuited to teach, either from the point of view of over enthusiasm or lack of personal experience. But how difficult it is for many to admit that they themselves do not represent a norm on this particular topic.

Then there are the voyeurs (Well, now Christine, tell me your troubles) and the joke merchants; while at the other end of the scale there is the "sex is sacred" society, who usually get thro[illegible] in the driest and most factual [illegible] a tone of voice which forbids [illegible]

Few of these can have [illegible] producing a clean climate [illegible] where pupils can bring [illegible] to the pattern of information pres[illegible] by the teacher. Until pupils have [illegible] ted the teacher's information [illegible] own store of [illegible] likely th[illegible] by discussion, it is more likely tha[illegible] will retain the misinformation tha[illegible] authorized version.

It is difficult for teachers to [illegible] their attitudes, as it is also for [illegible] in a society where sexual discussion [illegible] held to be proper only in the cool [illegible] the clinic and the places reserved [illegible] groups telling dirty jokes—the [illegible] locker room, etc.

It is always difficult to convince [illegible] who need the services of the an[illegible] clinic or the family planning clinic [illegible] there is no need for embarr[illegible] either in conversation with a [illegible] doctor or in any necessary exam[illegible] While it is obvious that much embarrassment must stem from [illegible] body image, "private" parts, etc, [illegible] blame must be taken by the [illegible] to discuss anything sexual [illegible]. It is interesting that [illegible] taboos are strict enough for doctors and nurses to complain to me that they [illegible]not talk to their own children about [illegible]uality, although they are perfectly [illegible] have as its basis the underlying [illegible] to discuss such matters with colleagues.

[illegible] brings in another factor, the invasion of parental personal privacy. Many [illegible]ents do not wish to present themselves [illegible] their children as people who have a [illegible]al as well as a parental role. This [illegible]ing that active sexuality is, if not [illegible] "dirty", undignified, or at least [illegible] a proper matter for discussion with [illegible]ren.

[illegible]ile one would not quibble too much [illegible] these feelings, the result is that [illegible]escents often see their parents as [illegible]ss, and take their own sex roles from [illegible]edia or their friends.

[illegible] if the parents present themselves [illegible]ving a sex role, the adolescent is as likely to reject or decry it, unless the parents are willing to admit that they are themselves [illegible] a continuum [illegible] the example [illegible]

The solution would seem to be the early establishment of the idea that it is quite proper for children to question their parents on sexual matters and behaviour, so that when adolescence brings the problems into a more subjective light, communication has already been established, and behaviour discussed long before the crisis of need appears.

Parents who have established a "clean" discussion with their children will, however, need to be warned that when their child arrives in school, it will find that most of the others are very different! The child will first have to discover that many other children will be in the "lavatory-minded" stage, and will try to shock with somewhat pathetic attempts. A warning that this will happen, and that a sycophantic laugh is the simplest way out, usually works.

During adolescence, however, the parents will benefit, as their children will be able to tell them, and [illegible] of anxiety, about the dirty jokes heard [illegible] information about sex invests the giver with great status and the receiver with a good deal of lost face. It was with this kind of pupil interaction in mind that the teacher in the King's College videotape was giving basic sex education to his 12-year-olds.

Having made a relationship with this class during their first term at school (teaching them biology), in the second term an excellent semi-programmed work book, produced by the school, was used. Pupils worked at their own pace through the booklet, film loops and demonstrations were organized by the teacher for whoever had reached that particular piece of work, and a full record was made by each pupil.

I have only one criticism about that lesson. The Latinate words were not always used—for example, uterus rather than womb. Pupils use four-letter words among themselves, but need to know "clean" words when talking for example [illegible] doctors, and later, midwives. Otherwise their embarrassment may have the effect of keeping them from the treatment they need not only in this country, but all over the world.

The Latinate words have international currency, while the British words vary in different districts—in no other topic is the English language quite so creative.

Many years ago, Cyril Bibby, the doyen of English sex educators, offered a simple way of ridding a class of giggles and nudges. "Just write all the four-letter words you know on the board, and there will be roars of laughter, 'Fancy Sir knowing them!' Then translate each one into its unembarrassed equivalent, and use them instead, referring to your blackboard dictionary when needed."

He was right, it worked like a charm; but those thinking of emulating this strategy should first find out whether or not they are to be visited by the education committee on that day. Jobs have been lost for less.

Dorothy Dallas is the author of "Sex Education in School and Society" (NFER).

The Man Who Never Knew

Norman Stone reviews David Irving's controversial reassessment of Hitler

Hitler's War. By David Irving.
Hodder and Stoughton £9.95. 340 16747 5.

"Imaginary evil is romantic and varied; real evil is gloomy, monotonous, barren, boring", wrote Simone Weil. This is very much the case with Adolf Hitler. There is virtually nothing of the slightest interest in the man himself—no remark memorable for itself, no writing of any depth. He barely developed as a personality, the whole life being a simple repetition, with increasing shrillness, of one and the same note; about the only thing that did develop was a set of ailments that, appositely enough, grew worse in the long term with the various short-term remedies that the doctors prescribed.

Hitler had no private life of any interest, and remained, as David Irving rightly complains, a puzzle even to his closest associates (not that many of them had much insight in any case). He appears to have run through various stereotypes: Hitler the Provincial Romantic, a cross between Frankenstein and Rastignac; Hitler the Grim-Faced War Hero; Hitler the Visionary Architect; Hitler the Demagogue; Hitler the Wily; Hitler the Honest Broker; Hitler the Wizard War-Winner; Hitler the New Charlemagne; finally, Hitler the Hermit of the Bunker. No one really knew the inner man; and perhaps there was not one at all, merely a creature whom others invested with their fantasies. Just the same, to the very end, men could not but be conscious of some vast presence when Hitler was around—a presence at ludicrous variance with his actual physical incarnation, for Hitler after 1943 was a pitiable figure, shuffling, stumbling, wheezing and quivering [illegible] the rubble of the Reichskanzlei to visit yet again his favourite toy, the models of Linz to come.

David Irving has written not yet another biography of him, but an enormously lengthy account of Hitler's war. He barely discusses the war's origins or consequences, and seldom reflects on the longer-term factors at work. He tends to sum up the attitudes and doings of Hitler's cronies rather perfunctorily, and has concentrated his efforts on a narrative of Hitler's strategy. The story itself is of course an irresistible one, and it has to be said that Irving tells it, in the main, very well. Not very much of it is particularly new, but the book does serve a useful purpose in bringing together the various bits of revision that historians have made in the older versions of what happened—historians who include Irving, especially for his work on the *Luftwaffe*. It is useful, for instance, to have a history of the war that is able to give considerable space to events on the Russian front, even if the Russian side has to be taken up through John Erickson's volume (not cited in Irving's very select and rather idiosyncratic bibliography). Irving's account does give full weight to the making of German strategy, and he makes battles like Moscow in December 1941, or Kursk in 1943, plainer than many comparable works, including German ones such as Klaus Reinhardt's *Wende vor Moskau*. It is a book that certainly belongs in good college libraries, though not without a great deal of caution in school ones.

The balance of the book is just about right, although the pace at the beginning is distinctly more leisurely than at the end: there are too many passages of padding in what is already a very long book, with six-axle automobiles over-frequently throwing up the Pomeranian dust. A great many direct quotations as to Hitler's habits, remarks, sleeplessness, kindness to animals and the like come in, not to much point. The information as to Hitler's physical deterioration can quite easily be got from Maser's admittedly lumpy account. At the same time, many important issues are very scantily treated. The war economy, for instance, appears as a noise-off from time to time: apart from the question of oil, not much effort is made (as Reinhardt did) to integrate the strategic discussion with questions of matériel. Did Hitler have any views on the economy of war-time, and how did they affect his strategy? A book that is intended to be more than a recapitulation of what has already been said could have covered questions of this kind, which Irving must be aware of from the Milch papers he used for his *Luftwaffe* study, in greater depth. All in all, this is a good piece of narrative, but excessively one-dimensional. It provokes more irritation than thought.

Irving's essential thesis is that Hitler was usually right in matters of strategy, and his generals usually wrong. The rival narcissisms of military memoirists can make tedious reading, especially when it is clear all along that, even if the Voronezh affair in summer 1942 had been handled differently, it would not have made much difference to the outcome of the campaign. Hitler was blamed by the generals for launching an attack on the Ukraine in autumn 1941 instead of moving directly on Moscow; on balance, Hitler appears to have been right in suspecting that loss of the Ukraine would do more damage to the Soviet Union than loss of Moscow; he also seems to have been right in emphasising the need for Germany to seize the Baltic coast in the first stage of Barbarossa. Again, Stalingrad was in many ways a triumphant piece of defensive strategy, for without the pinning of several Russian armies there, the whole of Army Group A in the Caucasus could have been surrounded. Irving finds plenty of other instances where Hitler the Polymath could Confound the Experts. He was quite good on battleship technology, and he knew about tanks; he was less gifted with aircraft. On the whole, it was a formidable enough performance of memory and insight, and Irving is right to stress the positive side. He could have gone further, and shown how, in the 1930s, Hitler had the measure of economists and diplomats, telling them how to do their jobs. Yet this quality is nearly impossible to square with the Hitler who stumbled so foolishly into war in September 1939, or launched Barbarossa, or declared war on America, or tried to liquidate the Jews, or neglected even the least compromising ways of dividing the enemy coalition against Germany. It is also impossible to square the picture of Hitler's gifts with the facts of Germany's war-time effort, for the Third Reich, when it came to general efficiency, resembles nothing so much as a giant Watergate régime like the Second Empire—the same flashiness, pastiche and incompetence. Berlin was a rubble long before the bombs began to fall on it.

There seem to be times when Irving almost endorses Hitler's view of what happened: that he was let down (another stab in the back legend). Hitler blamed the [illegible] including Rommel, for his defeats [illegible] blamed his allies as well. He blamed experts for the appalling failures [illegible] war-economy—and the destruction [illegible] many's cities after 1942 illustra[illegible] failure of the *Luftwaffe* as [illegible] could have done—and he blamed [illegible] for "causing" the war in the fi[illegible] Irving tends to offer sympathy [illegible] ghost of Hitler in most of these [illegible] wonders exactly what the British [illegible] in fighting a war against a Nazi G[illegible] did not really threaten them. It [illegible] then that has very much meaning [illegible] thing of the feeling of moral [illegible] British people genuinely felt [illegible] is conveyed. And there is [illegible] occasional "ghastly atrocity" [illegible] into the pages—much sign of [illegible] in what David Irving has to say [illegible] On the contrary, it is Hitler's [illegible] nal and internal, who have to bear [illegible] of snide observations—the plotters [illegible] 1944, Admiral Canaris, Churchill [illegible] according to Irving, arranged to [illegible] Polish leader Sikorski killed in a [illegible] plane). Hitler is made out to be [illegible] a decent, thoughtful man; he [illegible] the health and family circumstances [illegible] cers who are of course very pleased [illegible] "touch of Harry in the night" [illegible] kindly to his secretaries, and [illegible] fellow-victims of the Bomb [illegible] death-beds so that their families [illegible] larger pensions.

Above all, there is—and something [illegible] kind is the *violin d'Ingres*, or [illegible] *act de Grock*—of David Irving's [illegible] now celebrated assertion that Hitler [illegible] Knew. According to Irving, the Final [illegible] tion was started by middle-ranking S[illegible] rers in the East, and was then [illegible] by Himmler. Hitler was not told [illegible] until much later, and is even made [illegible] have expressly forbidden liquidation [illegible] Jews in November, 1941. We are told [illegible] wanted the Jews lodged in reserva[illegible] the East, and would have done so [illegible] policy not been sabotaged by the [illegible] sent who, faced with insuperable [illegible] tive problems, took the shortest [illegible] Later Himmler justified the [illegible] children on the grounds that they [illegible] only have grown up to be "grave-d[illegible] the German people".

This story is as unworthy of a [illegible] torian as the arbitrary [illegible] added to make the casualties of Dresden [illegible] their real number, or the canard of C[illegible] the assassin. It is by and large true [illegible] younger generation of historians of [illegible] era do not know what to make of the [illegible] Solution, and the fuss that Nazis made [illegible] Jews. Most of them write about it with [illegible] embarrassment, and hurry off to [illegible] more accessible" economic and social [illegible] sections of their works. But no one [illegible] far made out Hitler to be the Man [illegible] Never Knew. How could he be? As [illegible] 1942, the Slovak satellite government [illegible] to send any more Slovak Jews [illegible] because they knew what was [illegible] there; Vatican envoys protested [illegible] Obviously the whole thing was [illegible] secrecy, and obviously, too, [illegible] played a considerable part. The [illegible] tion was a confused and [illegible] managed affair, in which [illegible] resistance played a nota[illegible] mere lack of a docum[illegible] ture on it authorising the Final Solutio[illegible] not evidence that he never knew wh[illegible] happening; and [illegible] otherwise [illegible] does not [illegible]

One point [illegible] make, but which does emerge from [illegible] clearly enough: Hitler was [illegible] memories of the First World War. His [illegible] towards Russian nationalities—an [illegible] inary blindness to their potential [illegible] need for a sympathetic Germany—made [illegible] in terms of memories of 1918, wh[illegible] Ukrainians were thought to have [illegible] German hand that fed them. His [illegible] towards the Jews similarly made [illegible] terms of the widespread feelings of [illegible] that the Jews, by profiteering, had [illegible] the war-effort and increased the [illegible] these [illegible] Hitler, and the SS as [illegible] represented a very crude, Germanic [illegible] of less nineteenth century imperia[illegible] which the worst began at Poznan [illegible] peoples of the Orient respect only [illegible] Adolf Hitler was the last casualty [illegible] Great War.

Wrong problem, wrong solution

David Kirp on multiracial education

The West Indian Experience in British Schools: Multi-Racial Education and Social Disadvantage in London. By Raymond Giles.
Heinemann Educational £2.20. 435 80338 7.

Why do New Commonwealth immigrant children perform less well in British schools than their indigenous counterparts? Conventional explanations focus on the ill effects of newness, unfamiliarity with the country's language and culture. This view treats the problem as merely transitional. As facility in language is acquired and social norms are apprehended, as immigrant children and the British-born offspring of immigrant parents become more, well, British, their schooling difficulties are thought likely to vanish. The appealing thing about this explanation is that it leaves the factor of race completely out of the equation.

Because the Department of Education and Science no longer keeps track of immigrant schoolchildren, no one knows how many such children exist, let alone how they are faring. An ILEA study comparing the school achievement of immigrant children whose entire education had taken place in Britain with those who arrived rather later in their lives affords some support to the "unfamiliarity" argument; the former group performed better than the latter. Indians and Pakistani children who have attended British schools for some time are generally said to be academically almost indistinguishable from their indigenous counterparts. Not so the West Indians, however; by all accounts, that group fares substantially worse than English children generally, or even than those in similar social circumstances.

The phenomenon of newness is not at work here. Because immigration from the West Indies dried up almost completely 15 years ago, the vast majority of West Indian children presently in school were born in Britain. Nor are West Indian children handicapped by an inability to speak English; for almost all, their Creole dialect has become just a second language. It becomes hard to avoid the conclusion that the problem faced by West Indians has something to do with race.

This point has not been lost on the various public bodies, such as the Community Relations Commission and the Select Committee on Race Relations and Immigration, which have singled out the West Indian community for special concern. Nor is it news to the West Indians themselves. The West Indian Standing Committee complained bitterly during a recent Select Committee inquiry about the "raw deal" their children received in British schools. Yet until now, no one has undertaken a systematic inquiry into the nature of the West Indian schooling experience in order to puzzle out what has gone wrong. Nor, differently, has anyone been brave enough to offer detailed policy recommendations.

In *The West Indian Experience in British Schools*, American education professor Raymond Giles attempts both tasks. Unfortunately, Giles's reach proves greater than his grasp, and he succeeds neither in nuanced description nor in sensitive prescription.

As scholar-observer, Giles seeks to probe the racial attitudes of teachers in predominantly non-white London schools. Do they think of their students simply as individuals, or as black, or "socially disadvantaged"? Their perceptions, Giles asserts, affect the lives of students, and, while the point is unproved, it is not implausible that children are encouraged to become what others—especially influential others, such as teachers—think of them. A detailed and empathetic portrait of teachers' perceptions would thus have had considerable value.

But detail and empathy are just what are missing. Because Professor Giles canvassed some 17 London schools, as many as would give him entrée over a period of two months, he came to know none of them very well. His visits typically filled part of one school day; they included an inspection of the school site, a meeting with the head, and possibly a session with teachers. That technique works well for visiting firemen—less well if depth of understanding is the aim.

Giles might have chosen so many schools in order to afford some basis for comparison-making among them; if so, this end went unachieved. In no two schools was the same range of questions canvassed. The resulting report combines the nominally relevant—stories about the West Indian child who deeply embarrassed her primary school teacher by crawling into his lap, or about West Indian youngsters who coloured their self-portraits white—with the clearly irrelevant. The difficulties that one school has encountered with its outdoor WCs and that another faces in trying to instruct Irish gypsy children are repeated for no good reason.

To Giles's query about the relative significance of race and cultural disadvantage, teachers and heads offer the predictable range of responses. Some believe colour-blindness, the treatment of children without any regard for race, to be the proper stance; others think colour-consciousness is essential in reckoning with social realities. Whatever the content of any given response, all share that superficiality that almost always emerges from any single encounter between nonprofessional interviewer and somewhat nervous "subject". And throughout, the substitution of sweeping conclusions for solidity of specification frustrates the inquiry.

In one unfortunately typical instance, Giles asks a teacher committed to multi-cultural education about the impact of her efforts on children in the school. There has been a very great effect, the teacher replies, noting the existence of a handful of school assemblies as if these proved her point. The banality of the school-by-school accounts make the reader long for more substantial evidence of any sort; even the odd statistic would go down well.

In fact, Giles is not much interested in description. He brings a ready-made conclusion and set of policy recommendations. The problems confronting West Indian youngsters, he asserts, are traceable to the discriminatory attitudes and behaviour of their white teachers. The solution lies in the restoration of a sense of black identity, primarily through the creation of a black studies programme. In fact, neither description nor prescription makes very much sense. Giles's comments on teacher discrimination are quite as off-hand as anything that Andrew Young has ever said on the subject.

The interviews themselves tell a very different story: if one were to characterize these London teachers, honest confusion about what is best done and genuine concern would be far closer to the mark.

The logic of emphasis on black studies seems apparent only to Professor Giles. Teachers are worried, understandably enough, about the divisive effects of such an enterprise. Of greater moment, the handful of West Indian teenagers whom Giles met found black studies worth pursuing, but seemed at least equally interested in conventional academic success.

Improving West Indian academic performance — whether through massive doses of compensatory education or through encouraging the emergence of socially more heterogeneous schools (the latter because students probably learn as much from each other as from their teachers)—might well have been the focus of Professor Giles's prescription. It is very much in line with what black Americans have been saying for the past several years. Black studies has become *passé* in the United States; minority concern now lies with the assurance of student literacy and numeracy. To the extent that there is an analogy to be fashioned between blacks in Britain and in the United States, this renewed interest in basic skills acquisition, not black studies, is what deserves British policy attention. It even makes decent educational sense.

Race for time

Marcel Berlins

South Africa: A Modern History. By T. R. H. Davenport.
Macmillan £10.00. 333 17961 7. £4.95. 333 21182 0.
A History of South Africa. By [illegible] Lacour-Gayet.
Cassell £6.50. 340 29545 0. £3.25. [illegible]04 29823 9.
A Window on Soweto. By Joyce Sikakane.
International Defence and Aid Fund, 104 Newgate Street, London EC 80p. 904 759 17 2.
Southern Africa after Soweto. By [illegible] Callinicos and Rogers.
Pluto Press £2.00. 904 383 42 3.
The Politics of South Africa. By Howard Brotz.
Oxford University Press £5.00. [illegible] 215671 3.

Histories of South Africa take many forms, as befits the complexity of the subject matter. The traditional approach—still taught in South African schools—treats the topic basically as a history of the white man, with the black playing a sometimes unpleasantly intrusive, but always a secondary, supportive role. The period of colonial rule is seen in terms of its effect on the white inhabitants, rarely on the black.

More recently, however, the black [illegible] has been allowed to play a [illegible] part in the written history of his country. The importance of his contribution, and of the significance of the interaction between the races, become increasingly recognized. Less emphasis was placed on Africa as the repository for European colonial ambitions and more on the influence of the continent's own economic, political and cultural institutions.

The explosion in the study of things African in the sixties contributed greatly to a wider understanding and greater knowledge of the crucial role played by the black in the history of South Africa, apart from merely providing labour. Even more recently the system of apartheid has been analysed in class rather than race terms, with the theoreticians of the left attacking with equal gusto both the traditional and liberal approaches.

Professor T. R. H. Davenport's *South Africa, A Modern History* is probably the best one-volume work on the subject yet published. He is unashamedly of the liberal school. He devotes as much space to the little known but important geographical migrations of the various black tribes as to the more famous treks by the Afrikaner to escape British rule; and he goes as deeply into political manipulation within the black organizations as into those of the legal, white, political parties.

His history is detailed, tightly written and a little dry. It assumes that the reader has at least a general knowledge of the outline of South African history and politics, and for that reason it is unsuitable as an introduction to the subject. More than half the book covers the period since South Africa became a Union in 1910, and its convincing exposition of the complex background to the major political events of this century places the system of apartheid into its proper context and makes it an intellectually understandable, and perhaps inevitable phenomenon (though none the less appalling for that) rather than the collective evil mental aberration it is sometimes seen to be.

Robert Lacour-Gayet's *A History of South Africa* is an altogether lesser effort. An inelegant translation of a work which originally appeared in 1970, with added material to bring it up to last year's events in Soweto, its clichés (both of ideas and writing) do no justice to the subject. It bears all the indications of intensive [illegible] but superficial research, by someone with little feel for the country and few real insights into its problems.

A Window on Soweto is a short, engaging amalgam of fact and reminiscence by Joyce Sikakane, who was the first black woman journalist to work for one of the big national newspapers (*The Rand Daily Mail*). Tried and acquitted of various charges alleging activities for a prohibited organization, she was detained under the Terrorism Act and spent 17 months in prison, mainly in solitary confinement, before being released and immediately made subject to a banning order which stopped her from carrying out her profession. She left South Africa in 1973.

She writes with humour and passion about her and her family's life in what is now Soweto, and provides a vivid and useful description of how the township is run, and what makes it tick. Or, rather, what used to make it tick. Last year's events changed much and Miss Sikakane's absence from South Africa for the past four years is perhaps responsible for the strange feeling that she is talking about a society which no longer exists, as well as for some irritating factual inaccuracies. For even at her age (she is in her mid thirties) she is a generation older than those responsible for the Soweto uprising. Her struggles were qualitatively different from theirs.

Southern Africa After Soweto, a relatively straight-forward Marxist analysis, poses the thesis that the struggle of the black working class of the townships of the Republic holds the key to the future of the entire Southern African subcontinent. The authors, Alex Callinicos and John Rogers, reject the liberal theory that the demands of the advanced capitalist economy, which South Africa is, inevitably undermines and will eventually destroy apartheid.

Not so, they argue. The power of Western capital in Southern Africa (including Zambia, which is seen as a natural ally of the Republic) can only be broken by a revolution, the logical impetus for and leadership of which can come only from the inhabitants of Soweto and similar concentrations of the black working class.

However debatable that proposition, it [illegible] for *The Politics of South Africa*, an eccentric work by American sociologist Howard Brotz. Professor Brotz is obsessed by the writings and ideas of the former Chief Justice of South Africa, Henry Fagan, and particularly those contained in a report by the Native Laws Commission (usually known as the Fagan Report) published in 1948 (the year that saw the United Party, which had commissioned the report, lose power to the Nationalists). Fagan's solution was to provide a limited degree of self-government for the settled black population of the urban areas (as well as for blacks in the "reserves") without, however, denting the basic policy of racial separation or moving towards any sort of common suffrage.

It would not have worked in 1948, and to suggest, as Professor Brotz does, that it might be successful in post-Soweto 1977 shows a lack of perception of a high degree.

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*Inspection copies are available on request to Broadway House, Newtown Road, Henley-on-Thames, Oxon RG9 1EN.

Routledge & Kegan Paul
39 Store Street London WC1

Hot Ayer rising

Antony Flew

Part of my Life. By A. J. Ayer.
Collins £6.95. 00 216017 X.

The publishers in supporting letters describe this as an important book. That, surely, is an exaggeration. What it is is a lively and agreeable light read, with a special appeal to anyone acquainted with some of the people mentioned, or curious about the author behind that all-time philosophical best-seller *Language, Truth and Logic*. The part of his life now reviewed from the threshold of retirement is the first, up till 1946, when at the age of 36 he took up the Grote Professorship of Mind and Logic at University College, London.

Professor Ayer's colleagues will be glad to have his own written accounts of some notorious incidents. For instance, he published in the short-lived journal *Polemic* a swingeing characterization of Wittgenstein's view of the philosopher as "a park keeper whose business it is to see that no one commits an intellectual nuisance". The Pope was not amused: a letter of excommunication arrived by registered post. Again, Ayer gives the full roll-call of those involved in that breathtakingly bad bit of examining by which, in a year in which both he and J. L. Austin had competed for the John Locke, it was reported that "no candidate of sufficient merit had presented himself". I hope, too, that many of our colleagues will be pleased to read Ayer's true and generous words about Price and Broad, two senior contemporaries whose work became undeservedly unfashionable.

Roaming more widely, Ayer remarks that it was well into the [illegible] an earlier request had been rebuked: "You will be wanting gas and Turkey carpets next". (Even after World War I in one Oxford college members of my father-in-law's generation, just back from the trenches, were told that it was scarcely necessary to install baths "since the terms are only eight weeks long"!) Ayer also confesses that certain Oppidans, with semantic rather than sexual intent, favoured the nickname "Hot Ayer".

The Oxford stories include Bowra's response when the Regius Professorship of Greek was given to the pacifist E. R. Dodds, and not to Bowra: "What did you do in the Great War, Doddy?" Equally savage was the alleged comment of Dundas on the death in an air raid of a Christ Church student turned headmaster. He had remained exposed till all his boys had been shepherded into shelters: "Late, as usual".

Some anecdotes may raise in the reader more general questions. Ayer refers to the evening in the middle thirties on which the future Lord Cherwell showed Ayer and Roy Harrod the inconsistency "of opposing re-armament and favouring collective security". Ayer comments, very fairly: "As a rational man, Roy then started to campaign for re-armament. I am sorry to say that I did not."

Ayer's book contains many hints that he, like so many others, has never allowed the experience and the changes of the intervening years to stimulate a general reassessment and reordering of the package of political attitudes acquired in youth. Speaking of the Spanish War, he says: "The hatred which I then felt for Neville Chamberlain and his acolytes . . . has never left me, and I still find it difficult to view the Conservative party in any other light." Me too: then. But if a week [illegible] in politics is a long time, 40 years on is an eternity. So the rational man takes his stands today with reference to people, parties, and problems as they are today.

Everyone will enjoy Ayer's reminiscences of Betty Bacall—later transmogrified into the husky, sultry Lauren Bacall, and of Stephen Spender discovering that his philosophy tutor E. F. Carritt "was not altogether happy about pleasure". But for me the picture which sticks is that of "the implacable Professor" Austin as a young man: "It was characteristic . . . that he was the only one of us whom the rest never called by his Christian name. With his steely spectacles, his slight taut figure, and the light belted mackintosh that he often wore, he made me think of a gunman . . . a fellower of the Irishman Michael Collins, fighting against the Black and Tans".

There are eight pages of illustrations including a splendid 1912 photo in which the quizzical two-year-old Freddie sparkles out of a family group, as well as a startling mid-twenties snap of the unhaled Gilbert Ryle.

Uncertain road

Andrew Robertson on economics

Social Limits to Growth. By Fred Hirsch.
Routledge and Kegan Paul £5.50. 7100 8618 5.

We have had the growthmen and the "ecodoomsters", the economists who urge us on to exploit and expand and the ecologists who warn us that the earth is finite and that we are already too numerous not to harm it and ourselves as well.

Professor Hirsch is not so much concerned with the physical limits to growth—they are obvious all around us. What is less obvious is that although we may be able to "enjoy" economic growth for a generation or two, we have already overrun the social limits.

To establish this point the author identifies two kinds of advantage available to humans: one he calls material goods and the other "positional" goods, the latter being very special kinds of possessions and privileges, many of which have been created by what he terms the "privatisation" of what were once public or common privileges—private gardens replace public parks, beaches are closed off and made into playgrounds for the rich, society in the capitalist west makes provision for its elites and there is little or no room for newcomers.

He chooses at one point to compare advancing society with an army on the march. If it keeps ranks, those in the van will pass a point which those in the rear can see but must wait their turn to pass. In terms of our society this reveals why under-privileged newcomers to it will suffer deprivation and discontent, the reasons for which are all too obvious. In a concluding passage, couched in the rather [illegible] language which he uses through[out] and which is not easy to pen[etrate] all the time, he says that "the [illegible] economic problem now facing economically advanced societies [is] a structural need to pull back [the] bounds of economic self-advance[ment]".

In an earlier passage he says [that] the clash between self-advancement and social progress is "an [illegible] up problem"—"what individuals want and individually get [illegible] cannot get. . . ." If one has [under]stood him (and his erudition [has] been much praised by reviewers although it hangs [a] curtain across his opinions) the affluent society is [illegible] elitist and unjust and [illegible] vidually for higher and standards of living is pure [illegible] ness (and he includes [illegible] in this category) and [should be] restrained by policy. If it [illegible] we face a society which will [be] more wasteful and more unjust [the] more we succeed economically.

"Society is in turmoil [illegible] the only legitimacy it has [illegible] justice; and the transition [to a] just society is an uncertain [road] strewn with injustice." He is [not the] first person to see this. [He] acknowledges the perception [of] R. H. Tawney in *The Acquisitive Society* 50 years ago and the [illegible] doctrines of J. K. Galbraith [illegible] in a book devoted to the [illegible] possessions and privileges [and their] impact on social stability, he [illegible] once mentions Thorstein Veblen [and] his *Theory of the Leisure Class* while making great play [illegible]. It is a fascinating [illegible] times even if it is [illegible] phrased, as was *Das Kapital*.

Correction

"B.B." is the pen name of Denys Watkins-Pitchford, not Brian Vesey-Fitzgerald as stated in Virginia Makins's report of the children's review competition on May 27.

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An outmoded threat?

Anthony Glees

Creative Alternatives to Communism. By Donald Wilhelm.
Macmillan £4.95. 333 21852 3. £1.50. 333 21856 6.

Donald Wilhelm's basic concern is that Marxism, although outmoded, is still a powerful intellectual force, especially among young thinkers. This leads him to want to create a new philosophy of life based on a consideration of selected great minds and problems who seem to have changed the world. In his final chapters he edges towards setting up an alternative scheme for social development based on creative values and the creative use of politics, economics and technology.

Although some of the logic is sometimes baffling (it is, for example, hard to see just why he thinks Marxism is such a threat if it is outmoded) Wilhelm's ideas are certainly worth thinking about. Sixth formers and first year students of all disciplines could find this book most useful—and it may even provide some ammunition for the Great Educational Debate. But it would be wrong to accept Wilhelm's thesis entirely.

One reason that Marxism is intellectually appealing is that it provides a constructive overview of society and the people in it which emphasizes the interrelationship of apparently unrelated activities. So at a time when knowledge could appear to be increasingly esoteric and specialized, any system which encourages generalization and simplification must attract. Wilhelm's antidote is a parallel system founded on anti-communism and a rather slipshod attitude to the history of science. Einstein and penicillin get a few lines each in order to bolster an argument on inventions, but Wilhelm fails to point out that there is no actual definition of what discoveries are that is generally accepted, or that we still do not know how inventions occur.

The attack that is made on academics is also unjustified. They may seem to know a great deal about matters of very slight general concern, but it is only through painstaking research that the complexities which are part of living in all its forms can be seen [and] understood, and it is only by understanding them that alternative solutions can emerge.

It is important to accept [this] point because one of the [most] powerful objections to Marxism [is] that it oversimplifies. Terror [and] violence are so often part of [the] politics of Marxism [because] humans fail to conform to what [is] ideologically expected of them.

So to follow Wilhelm's [criticism] of Marxism is also to criticise [Wil]helmism. The real alternatives to [it] must be numerous and ideologies, not any single ideology of [illegible] Marxism. New political philosophies must comprehend complexity and face what upsets and offends: private misery, incomplete civil liberties, declining standards of literacy and increased racial tension. To suggest that as an alternative people should construct "[illegible] toolbars . . . cassava grinders [and] impregnated wood bearings" [is] perhaps not unreasonable but, some might think this as much of a cop-out as any Romantic nineteenth-century Weltanschauung [or] classical Marxism.

Shelving the problem

Roger Heels

Books for the People. By Thomas and Edith Kelly.
Deutsch £15.00. 233 96795 8.

What did Orkney have before London? What united Marx and Engels? What did Dick Whittington's fortune buy? What can you find in the church porch at Langley Marish? One answer does for all: a public library. The history of this logical yet extraordinary institution throws light on social, political and educational events, and is of interest far outside the profession.

In *Books for the People* Thomas Kelly has produced [illegible] coffee-table guide to public library development, a great change in tone and presentation from his last work, that definitive *History of Public Libraries in Great Britain*. The subject is largely the same, the history of British public libraries to the present day, but here starting not with their formal institution by the 1850 Public Libraries Act but with medieval monastic libraries, the chained cathedral libraries, endowed libraries of the fifteenth century such as Guildhall, and the subscription libraries for eighteenth-century gentlemen.

Going back to the beginning does help us see the origin of libraries' current difficulties—and so move nearer their resolution. If libraries are among the least noticed of our public institutions this is largely because their effect has been as diffuse as their aims. With [illegible] they aim to serve the educational, informational and recreational needs of all sections of the public—and inevitably fail. The root of that failure is in the mixture of influences bringing public libraries into being: the radicalism of adult education groups seeking literacy [illegible] in worker liberation, [illegible] and good books which [illegible] standing together against a wider world, and the realization of the economic truth that it is cheaper to circulate one book to several readers than for each reader to have a copy.

Kelly's well-illustrated account is basically a chronological one, but the attentive reader will see the three influences at work over the years, vying for precedence and never satisfactorily brought together into a philosophical framework within which objectives, priorities and book selection policies can be framed. Library assessment for [illegible] change: library as upholder of standards of excellence; library as [illegible] utility. Each concept has implications for practice of a different kind.

Fuel to the fire

William Cleghorn on energy resources

The Energy Question. By Gerald Foley.
Penguin 90p. 14 02 1924 2.
Potential Energy: an analysis of world energy technology. By Michael Kenward.
Cambridge University Press £6.20. 521 21086 0. £2.80. 521 29056 2.
Fueling the Future: an environmental and energy primer. By Richard T. Sheahen.
St James Press £4.50. 86066 002 8.

Planners face two problems: they try to lay on a supply of the goods and services demanded by their clients, and they try to distribute them according to need. The difficulty of planning the world's energy supplies may well defeat them within a generation or two, leaving the inhabitants of developed and developing countries alike to solve their problems of energy resource allocation in more traditional ways. It is as well to try to understand why. It may even be possible to do something about it.

Mr Foley evidently believes in explaining very carefully what energy is and why it is of universal importance, before he attempts to deal with energy resource use. With an outstanding talent for selecting contemporary and historical examples to illuminate his argument, he describes how solar energy is trapped, used, stored, distributed and dissipated in the natural world; how man, particularly since the Industrial Revolution, has distorted the flow of energy through living systems, with imperfectly predictable but probably profound consequences for his own continued presence on the earth; and how, parallel to these evolutionary and revolutionary developments, science has come to offer a gradual understanding of the physical principles and biological mechanisms at work behind them.

Social mechanisms follow: the contemporary ideas of the American ecologist Howard Odum, together with some of their English antecedents, lead to an explanation of the principles of energy accounting. This concludes the first part of the book, which succeeds brilliantly in negotiating the essential background to energy resource use, in under a 100 pages of clear prose accessible to anyone with a minimal amount of general historical and technical knowledge and no more than an average terror of simple arithmetic.

The remaining two parts are devoted to an outline of the broad choice of energy resources available to humanity, and to the future. There are no right answers to be guessed. There are, and can be, no panaceas among the nuclear reactors, wave-power generators and firewood forests. But Mr Foley is by no means doom-ridden: "Resources, even with the worst will in the world, cannot be exhausted instantaneously." Nor is he filled with the still-popular faith—necessary to at least one kind of economic orthodoxy—that the price mechanism and technical progress are bound to see us through, that something is bound to turn up. It isn't. Planned or unplanned, frugality is the only civilized choice.

Mr Kenward makes a bold, unreflective and frequently brash attempt to chronicle the contemporary history of the "energy crisis" from the time of the OPEC oil price rises in 1973. Despite its claims to worldwide scope, his book deals only with the rich countries, principally those in the OECD, and makes no attempt whatsoever to discuss the energy outlook for the half of humanity living in poor countries, for whom much of modern energy technology has all the relevance and exciting potential of a steakhouse in Benares.

Mr Kenward may be an energy expert: he is not an historian. He seems to attempt some kind of "snapshot". The effect is as if a celestial referee had called a momentary halt to the frantic power games in laboratories and ministries, giving the author just time to dash in, record the state of play, and dash away again in time to dodge the flying megawatts as the whole circus leapt back into life again. The resulting undigested mish-mash of fact and opinion gives every appearance of having been written at great speed and never subsequently revised.

Mr Sheahan informs us that his book is easy reading. It is a rambling, pleasantly illustrated, excursion through the complexities of energy and environment. It is elementary, and not at all accurate. Those who really believe that fast breeder reactors actually produce more fuel than they consume should somehow be persuaded not to publish introductory texts of this kind. It does nobody a service.

Seven ages of Will

David Wright

William Shakespeare: A compact documentary life.
By S. Schoenbaum.
Oxford University Press. £6.75.
19 8125/7555

Two years ago Professor Schoenbaum published his magnificent and massive documentary life of Shakespeare, reproducing in facsimile the actual contemporary documents (wills, bills, registers, maps, drawings, diaries, letters, court records and the like) relating to the bard, his family, friends and associates. These were elucidated by a commentary as balanced and judicially impartial as a judge's summing-up for the jury.

Now Professor Schoenbaum has had the happy idea of producing a compact version of that book, small enough—and comparatively inexpensive enough—to fit anybody's pocket. The text of the commentary has been revised and augmented in the light of new discoveries and second thoughts, but not abridged, and the book is beautifully designed and produced. More than 50 illustrations, most of them facsimiles, have been retained.

The reader is left to make up his own mind about the documentary evidence, wherever it is incomplete or ambiguous, without biased prodding from the biographer. For instance, was Shakespeare a Papist? His father's "Spiritual Testament" was found concealed in the rafters of his Henley Street house 150 years after his death. This is shown to be a formula translated from Cardinal Borromeo's "Last Will of the Soul" and probably brought to England by the Jesuit Edmund Campion, who is known to have been hidden for a time not a dozen miles from Stratford. But there is no positive indication that Shakespeare himself was anything but an Anglican. Here as elsewhere Professor Schoenbaum does not impose upon the reader his imaginings or predilections.

Then there's the notorious second-best bed bequeathed by the poet to his widow (it seems that Anne Hathaway had been quite a considerable heiress when the young Shakespeare took up with her). Was the bequest a snub or a sentimentality (best beds were for guests, the second-best being usually the matrimonial bed)? Professor Schoenbaum exhibits the evidence and balances the probabilities, but as he says concerning the sphinx-like dedication of the Sonnets: "This writer takes satisfaction in having no theories to offer."

Dull? On the contrary, it all builds up to a fascinating book. This is more than a factual biography of Shakespeare; it is a mine of information about provincial and metropolitan life in Elizabethan England — education, industries, trades, local government, mores and customs. I am reminded of the similar feat performed by T. W. Thomson's *Wordsworth's Hawkshead* — another recreation, through records and documents, of the way of life of a vanished society.

Annals of the poor

Marion Glastonbury

Popular Literature: a History and Guide. By Victor E. Neuburg.
Penguin £1.25. 14 02 1837 8.
Past and Present: a journal of historical studies. Number 74.
£1.50.

The annals of the poor are not, after all, short and simple.

Historians have usually disregarded them, and concentrated on top people, except when the mob appeared on stage. Men of letters have similarly confined their attention to their own social circle and those above it, as if inglorious Miltons were necessarily mute.

Once you admit to the canon those authors who were not ladies and gentlemen, the field becomes very crowded. And if, like Jaurès, you wish to "restore to all the anonymous that place which is due to them", then you take on a monumental task.

Victor Neuburg has examined much of what was read by the common reader in the three centuries between the early printing of broadsides, jest-books and almanacs, and the emergence of a mass market for publishers towards the end of Victoria's reign. His useful survey of this literature of the unlettered omits journalism and the theatre, but includes religious tracts designed for the lower orders by their betters.

A just-literate populace might easily be led astray. "Who be more bawdie than they? Who more licentious and loose-minded?" wrote Phillip Stubbes in 1583 of itinerant pop[ular] singers who hawked their own ballads round the countryside. Giving the people what they want was always a precarious way of making a living. Thus Pope:

> Like the vile straw that's blown about the streets,
> The needy poet sticks to all he meets,
> Coached, carted, trod upon, now loose, now fast,
> And carried off in some dog's tail at last.

Mr Neuburg charts the vicissitudes of the trade, summarizes the careers of authors and publishers, links their output with the oeuvres of respected contemporaries, and traces the survival of ephemera through the acquisitive energies of bibliophiles like Richard Heber, whose eighteenth-century collection filled eight houses.

A guided tour is not a study in depth, and Mr Neuburg's pace is unsuited to the interpretation of the trends he describes. Better, perhaps, to refrain from speculation about literary taste than to remark that war has unsettling effects or that human nature craves melodrama. This is the sort of platitude that gives the sociology of literature a bad name.

Mr Neuburg cites Lucien Febvre as the authority for what he is trying to do, and praises French efforts to recreate "l'histoire des mentalités collectives". But Febvre's technique depends upon the patient accumulation of complex data; the slow work of subtle analysis. We need more than market trends and potted biographies, relevant though these are, to reconstruct a "mental universe", define the relations between the writer and his public, and unravel the sources of imaginative response.

Nevertheless, this modestly priced book takes some lively steps in the right direction, with quotations, illustrations and bibliography that will encourage others to follow. (A subsequent edition might usefully add a discography: these comic songs and romantic ballads need their traditional tunes.)

According to Orwell, "All people who work with their hands are partly invisible, and the more important the work they do, the less visible they are." A recent issue of *Past and Present* considers the role of the Press in preserving this invisibility during the mid-nineteenth-century debates on the state of the nation.

When Thomas Southwood Smith served on the Commission of Enquiry into the Employment and Conditions of Children in the Mines and Manufactures, he persuaded his colleagues to draw what they saw. The mine-owners' protests against their illustrated report were tacitly upheld by editors who feared that the depiction of vulgar poverty would offend "the respectable families of England". This deference to the sensibilities of a comfortable readership apparently paid off. *The Illustrated London News* with its Podsnappian blinkers flourished [illegible] lined "The Crime of Poverty and its Punishment", failed to win friends and sank under its debts.

When you've seen one slum, you've seen them all. Then as now, Celina Fox observes, "The poor already knew what the facts of their life were; the well-off did not want to know."

No dilution

Alexander Pope. By Yasmine Gooneratne.
Cambridge University Press £5.90. 521 21127 1. £1.95. 521 29051 1.

Close reading and informed textual analysis are here put to the best and most illuminating use. The assumptions of the society Pope worked in and for, his use of traditional forms and influences, his debt to Milton, are all explained in terms accessible to senior school pupils and possibly foreign students, without condescension or dilution.

So skilled is Professor Gooneratne's analysis that couplets known by heart reveal fresh depths of meaning; her explication of the structures and patterns of the poems is helpful to experienced readers and beginners alike.

Valerie Grosvenor Myer

Among this week's contributors:

William Cleghorn lectures at the David Livingstone Institute of Overseas Development Studies at the University of Strathclyde.
Antony Flew is Professor of philosophy at Reading University.
Anthony Glees lectures in the department of government at Brunel University.
W. J. F. Jenner lectures in Chinese studies at Leeds University.
David Kirp is at present conducting a study of race relations in Britain.

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Children's literature

Fact and fancy

Naomi Mitchison

The Xanadu Manuscript. By John Rowe Townsend.
Oxford £2.95. 19 271406 6.

Snake Among the Sunflowers. By Joan Lingard.
Hamish Hamilton £2.50. 241 89547 2.

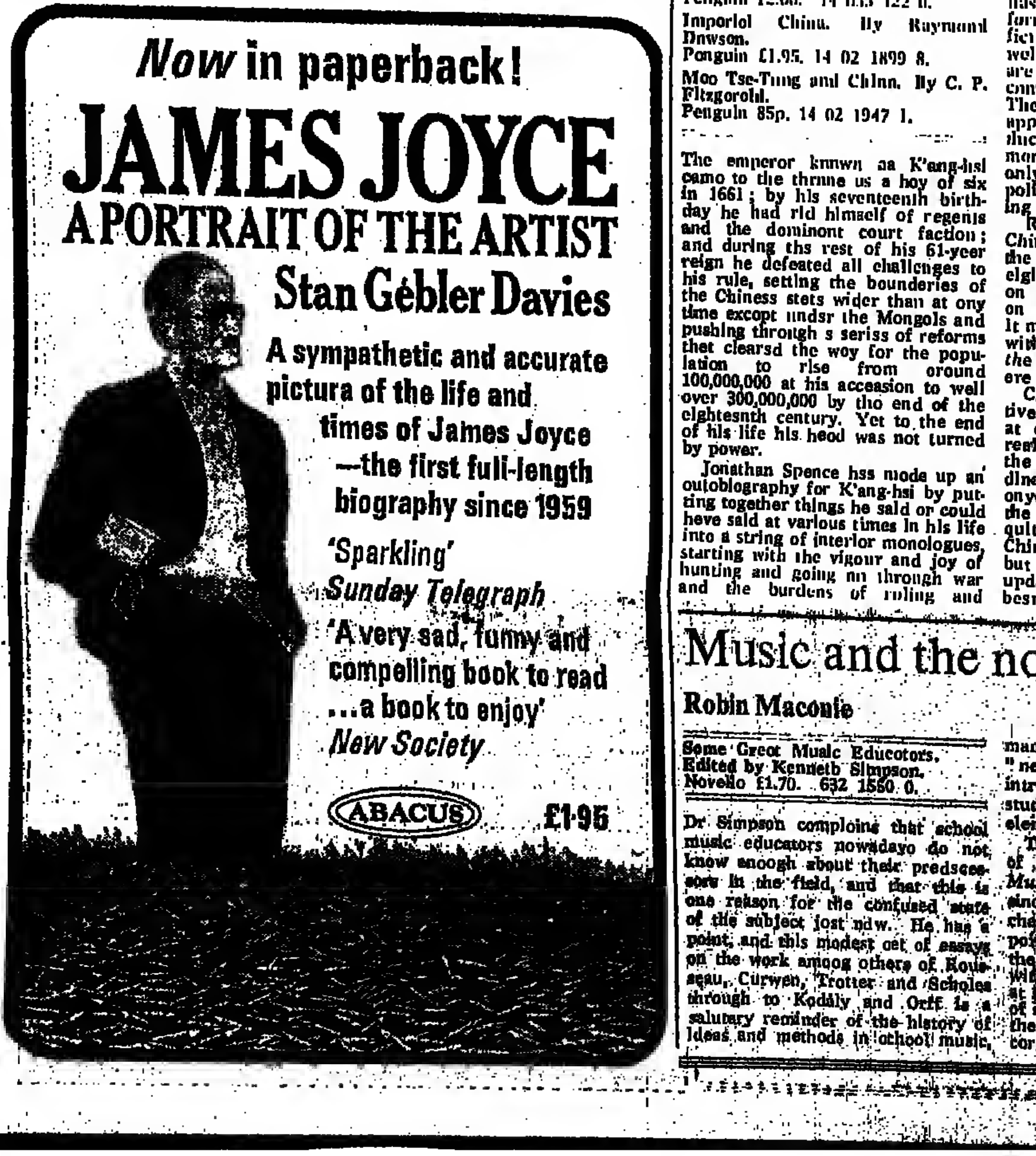
Silas and Con. By A. C. Stewart.
Blackie £3.00. 216 90335 1.

It is extraordinarily difficult for those of us who want to buy a book for someone between six and 16, to find out, in the general scrimmage, what is worth buying and, indeed, what kind of a book *it is*. The blurbs do not help that much. Here for instance are three books which could all be classed as mysteries, but they are on very different levels.

The Xanadu Manuscript is on the fascinating verge between fantasy and science fiction, and is in no sense a "children's" book, though a delight for an intelligent young teenager and still more for his/her lucky parents. It is quite easy to guess what this strange family which appear on the Backs in such peculiar circumstances must be, but the working out of the plot which affects them and the narrator is ingenious and sometimes really moving. It involves moral problems, as all good science fiction ought to do, and the assumed writer is swayed, as in life, by doubts and suspicions and loyalties, as well as the stresses of O—or is it A?—levels. The book is all the more fun because most of it happens in an accurately described Cambridge landscape, full of the kind of high-brow characters whom we know, perhaps, only too well. I wish some of the so-called adult novels that one finds oneself reading were half as good.

Snake Among the Sunflowers is more predictable. Joan Lingard is a good writer and it must be a pleasant change for her to leave the heartbreak of Ulster for the south of France which she so clearly enjoys. There are mouth-watering descriptions of Provençal farm meals. Yet it is not a complete change, for in her new environment there are conflicts of bitterly held loyalties, going back to the days of the French Resistance. The pain and anger of the grandparents' days comes back on the children who have their own gentler problems of being half French, half Scots. This gives them more interest and character than most book children and, at the end of the book when the mystery is solved and the snake is dead, one remembers them as real people in a real world. A good buy for the 12-year-old.

Silas and Con is an indefinite kind of book which suffers from being set in no particular place or time. It is the story of a boy, abandoned by a feckless mother and a savage step-father, who sets out from somewhere halfway between town and country, with a mongrel dog and a toy monkey, gets lost, escapes from a mad tinker woman, and finds refuge on a farm, but is shocked by the drowning of kittens and the inevitably utilitarian attitude towards animals which have failed to produce a profit. Accompanied this time by a young cow and a hen, he finds an island and apparent heaven. It did not seem very convincing to me, but no doubt there will be some 10-year-olds who will enjoy identifying with Silas.



Happy days . . .

Robert Silvey on Britain between the wars

Social Conditions in Britain Between the Wars. By John Stevenson.
Penguin £1.75. 14 08 0969 4.

It was a time of plenty and a time of penury; a frivolous time and a serious time; a time of hope and a time of despair. Prices fell and unemployment rose; the population grew and the birth-rate declined; cinemas boomed and churches languished. More people than ever before bought their own homes and discovered the countryside. Ribbon development flourished and road casualties rocketed. Whole communities were left to rot. Such was the complex and paradoxical social scene in the so-called "fatuous twenties" and "frightened thirties".

This book begins with an 80-page introductory essay. It is able and wide-ranging, though there are curious omissions. There is rightly room for references to "the drink problem", greyhound racing, paid holidays and the cinema, but crime is barely mentioned and there is no reference whatever to either religion or to broadcasting—even though, by the end of the thirties, the "wireless set" had become a necessity.

The main body of the book is a reader, drawing on the findings of the great social inquiries of the time concerning, successively, poverty, health, housing and unemployment. The first modern social surveys had been carried out before the First World War by pioneers like Charles Booth and Seebohm Rowntree. In the interwar years the method was extensively employed though, significantly, never by government.

Perhaps the best-known workers in the field were A. L. Bowley, Lord Boyd Orr, G. D. H. and Margaret Cole, Carr Saunders, Caradog Jones and R. H. Titmuss. It was men and women such as these and bodies like the Pilgrim and Carnegie Trusts, the LSE and Liverpool University who should be honoured for laying the factual foundations of the Welfare State.

No one who has memories of the thirties will need to be reminded that everyday life was overshadowed as much by the spectacle of chronic mass unemployment as by the fear of war. Its victims have cause enough to remember; the rest of us, unless we were totally insensitive, were oppressed by a sense of guilt and frustration. What right had we to enjoy life when so many of our fellows, through no fault of their own, were made to feel hopelessly unwanted? And, beyond first aid, there appeared to be literally nothing we could do.

The Second World War, when it came, at least banished that evil, and after it Keynesian economics and the Beveridge safety-net seemed to have ensured that it was exorcized for ever. It is different now. Grimly, the interwar study which has, perhaps, most relevance to-day is the Carnegie Trust's *Disinherited Youth*.

Paperbacks

Empire and republic

W. J. F. Jenner

Emperor of China: Self-Portrait of K'ang-hsi. By Jonathan D. Spence.
Penguin £2.00. 14 055 122 0.

Imperial China. By Raymond Dawson.
Penguin £1.95. 14 02 1899 8.

Mao Tse-Tung and China. By C. P. Fitzgerald.
Penguin 85p. 14 02 1947 1.

The emperor known as K'ang-hsi came to the throne as a boy of six in 1661; by his seventeenth birthday he had rid himself of regents and the dominant court faction; and during the rest of his 61-year reign he defeated all challenges to his rule, setting the boundaries of the Chinese state wider than at any time except under the Mongols and pushing through a series of reforms that cleared the way for the population to rise from around 100,000,000 at his accession to well over 300,000,000 by the end of the eighteenth century. Yet to the end of his life his head was not turned by power.

Jonathan Spence has made up an autobiography for K'ang-hsi by putting together things he said or could have said at various times in his life into a string of interior monologues, starting with the vigour and joy of hunting and going on through war and the burdens of ruling and growing old to culminate in the valedictory edict he actually dictated as a political testament. Spence has had the courage to invent a form that is neither biography nor fiction, and it works remarkably well. The translations when checked are mainly reliable; and K'ang-hsi comes over as a man very clearly. The shades of Proust are not quite appropriately invoked in the introduction: Spence's K'ang-hsi has more affinity with Montaigne. If only Spence could give us a long political biography of this fascinating tyrant.

Raymond Dawson's *Imperial China* is a good narrative history of the dynasties from the sixth to the eighteenth centuries. It is stronger on emperors and great men than on peasants or structural changes. It might best be read in conjunction with Mark Elvin's *The Pattern of the Chinese Past*: the two books are complementary.

C. P. FitzGerald paces his narrative well to cover 82 eventful years at one easy canter, but does not really get into the character and the contradictions of that extraordinary man who did more than anyone else to change China and the world in this century. This is quite a good run through modern Chinese history for a casual reader, but not FitzGerald at his best. The updating of the 1976 edition has been makeshift.

Music and the noble savage

Robin Maconie

Some Great Music Educators.
Edited by Kenneth Simpson.
Novello £1.70. 632 1550 0.

Dr Simpson complains that school music educators nowadays do not know enough about their predecessors in the field, and that this is one reason for the confused state of the subject just now. He has a point, and this modest set of essays on the work among others of Rousseau, Curwen, Trotter and Scholes through to Kodály and Orff is a salutary reminder of the history of ideas and methods in school music, many of which pass today as "new", as well as being a useful introduction to the comparative study which ought to be a basic element of teacher training.

The collection arose from a series of articles originally appearing in *Music Teacher*, and Dr Simpson has since added opening and closing chapters and three appendices on points of method. Here one feels the general editor could have done with some help, for these attempts at summary and overview show signs of a critical indignation at odds with the generally amiable tone of the core studies.

Among these only Gladys Puttick's reminiscence of Yorke Trotter and Mary Berry's on Justine Ward are so lacking in perspective or documentation as not to establish a case or help the reader very much. For the rest, one is impressed by certain persistent features of which the most outstanding are a disaffection with "contemporary" music (and music professionals) and concern with the social welfare of the young.

It is remarkable to find, moreover, the belief in childhood creativity surfacing through improvisation going back in an unbroken line to Rousseau and his notion of little noble savages.

Ecumania?

Hilary Finch

Change and the Churches: An anatomy of religion in Britain.
By David Perman.
The Bodley Head £4.95. 370 10329 2.

At a church in New York, a woman deacon, who was seeking priest's orders, was administering the chalice to a young male priest at the altar rail. "I hope you burn in hell", he said, as he dug his nails into her hand, drawing blood.

At a church in the New Town of Stevenage, the Sacrament is reserved by both Anglicans and Catholics in a common tabernacle divided by a glass partition. It has been said that there should be a notice saying, "In the event of unity, please break the glass".

If these cheerful little stories are familiar to you, then you will probably not find much that is new or surprising in David Perman's book. If, on the other hand, you have not heard them before, the chances are that you will know less about the "scene"—and, in that case, you may justifiably lack any incentive to buy a book with this title at all.

It worries me slightly as to who exactly will read it; as a systematic and thorough survey, this is a book which will probably inspire no great action and provoke no great reaction. Its descriptive rather than prescriptive function has, however, enabled the author to do a number of things—and to do them well.

For those who will buy the book for reference, his copious quotation from the religious and secular press, his careful presentation of events and attitudes contemporary and retrospective, is time-saving, and reminds us of details we may so easily forget (particularly in the case of exorcism and Northern Ireland).

There are a few inaccuracies which mar the assiduous fact-finding: the "clumsy" Roman Catholic response to "The Lord be with you" is, in fact, misquoted; the Rev. Cuthbert Keen, of Cambridge, however apt the name may be, is, in fact, the Rev. Cuthbert Keet; not all of the Church of England, by any means, would describe itself as governed by "bishops claiming the 'apostolic succession'"; and few Catholics, lay or ordained, would really "leap at the chance to acquire a medieval cathedral, repair bill and all".

But the book's very nature as a priceless survey also makes for a certain earnestness and lack of imagination that makes it hard going at times. What could be more useful—but also more boring—than a catalogue of Lord Longford's and Mary Whitehouse's periodic triumphs and failures—and the comments on them by the Press?

From all the facts and the figures, one idea does stand out: that the real divisions of the church are not between denominations at all, but within them. The backbone of Mr Perman's "anatomy" is the fact that the pluralism of the church is perhaps the greatest change it has seen this century, and, if it leads away from the "arid self-sufficiency" of the past, perhaps its best hope.

Scientific practice and the art of electronics

by John Lewis and David Tawney

Looking at the high technology that now surrounds us, one is struck by our dependence on the art of electronics. It is therefore surprising that so little of the subject is taught in schools. Most A-level physics syllabuses cover the characteristics of transistors, but fail to recognise that progress has left these behind and that now we should be concerned with integrated circuits. One wonders in passing why the Associated Examination Board still asks its A-level Physics candidates about valves. Is it a wish to preserve, Canute-like, the status quo or is it, perhaps, that their examiners can't cope with new ideas?

Notable among the few moves to introduce electronics is Geoffrey Foxcroft's approach for the Nuffield A-level Physics course and the new experimental A-level in electronic systems devised by Professor Chaplin of the Department of Electrical Engineering Science at Essex University.

For those people whose horizons are bounded by the requirements of a traditional physics course, the best solution is to use mounted components which are fitted with standard 4mm sockets; these can be obtained from the usual suppliers.

However, where electronic components are used to build up working circuits, kits are more useful. They enable the building to be done easily and modifications to be made quickly, so that effects can be observed at once. Without a kit the problems of connecting up components can distract from their function.

This is the approach used in the Nuffield A-level physics course, which encourages pupils to think in terms of functional "blocks"—amplifiers, wave shapers, nor-gates—rather than the individual ingredients. The Basic Unit used in this approach can be all these things and is intended to be combined with other units to produce circuits with more complex functions. It is only of incidental interest that so far for economic reasons the active component in the Units has been a transistor, but in the future it might be an integrated circuit.

The approach has been adopted widely and not only by schools following Nuffield Advanced Physics. Kits can be obtained from Griffin and George, Philip Harris, Leybold, Unilab and White Electrical. Most now sell follow-on kits for more sophisticated work on logic circuits, binary adders, etc. The JMB Engineering Science Course is interesting since it bases its electronic content on analogue circuits using an operational amplifier. The CLEAPSE evaluation of the basic kits is now out of print but an updated version will probably soon be available to members.

Lower down the school, there is greater diversity of approach springing from a number of initiatives, some entirely indigenous to a school or to a locality. One national project, Nuffield Secondary Science, intended for non-academic pupils in the 13-16 age range, has sections on electronics and kits are commercially available. The work for which these can be useful ranges from elementary circuitry (switches, lamps, etc), through the behaviour of dc and ac in capacitors and inductors, to the transistor in radio sets, amplifiers and switching circuits. Again the emphasis is on function rather than mechanism—on what a device does rather than how it does it.

Three systems which cover all or most of the work are the Philip Harris system, Locktronics (Lock) and Radionics (Irwin-Desman). Which is the most suitable depends on the relative importance of factors such as price, robustness and correspondence between practical layout and theoretical circuit. Details are available to CLEAPSE members in a recent report. A kit which covers the transistor work (section 5.4) only is the Braun Lectron kit (Ideas for Education).

Philip Harris's "Make it yourself" kit.

Commercially available electronics kits are also used for courses and club activities. Those already mentioned can be and probably are used in this way and Radionic, Locktronics and Braun provide general sets as well as ones specifically designed to match Nuffield Secondary Science. There are also the Philips sets (obtainable from Irwin-Desman) and the Heathkit electronic workshop. In the Heathkit the match between layout and theoretical circuit is poor, but the components are permanently attached to the board which prevents entropy increasing and the stock of components decreasing. In the Philips sets, attaching components to the printed circuit board with four BA nuts is tedious but the guide is succinct and attractively produced, providing explanation without being too heavily didactic.

Teachers may like to look at electronics kits on sale in toy, model and electronics goods shops in the high street. On the whole, durability has been sacrificed for price and explanation for motivation. Philips kits are available in shops as well as through Irwin-Desman and may be cheaper bought there.

Also available are: Logic-Kosmos (once the rather elaborate breadboard has been assembled, circuits using unmounted components can be set up rapidly); Science Fair (in the bigger kits components are mounted permanently on a board with connexions made with wires between springs; in the smaller project kits, soldering is necessary); Denshi Board (components in transparent blocks and connector links fit into slots in a board) and Denshi Block (components in transparent blocks fit into a case producing a portable and finished-looking device).

Where kits are likely to be used by pupils on their own, the guides are an important factor. The guide for one elementary set, for example, shows currents as streams of little yellow men, which some teachers might not like. (After all, it is well known that electrons are blue.) More objectionable is the effect of a resistor being compared to a tunnel with a lot of men entering one end and a few emerging from the other.

Whether a kit is suitable for a particular activity depends on the teacher's aim. To motivate a non-academic pupil, it may be better to get him to solder up a simple device without necessarily understanding how it works. This may spur the pupil to follow part of an electronics course and build up some sort of understanding. Suitable kits of components are advertised in *Practical Electronics* and other similar magazines. Sinclair, for example, sell a good kit for a miniature radio receiver.

Philip Harris, with their make-it-yourself series, are another source. Containing a printed circuit, all the components and careful assembly instructions, they enable a pupil with a little skill in soldering to produce a professional-looking job which works. They are intended to be assembled only once, which makes them expensive, though obviously the instructions can be used time and again. They provide a useful introduction to printed circuit work.

The advantages of kits were listed earlier but they do have disadvantages: cost, the component mounts often costing considerably more than the components; lack of flexibility; an appearance very different from what a pupil sees inside his transistor radio; contacts which are bound to give trouble sooner or later. Most would argue that the advantages, particularly those of the practical layout matching the theoretical circuit, of speed of construction and modification and of being able to use the components repeatedly, outweigh the disadvantages.

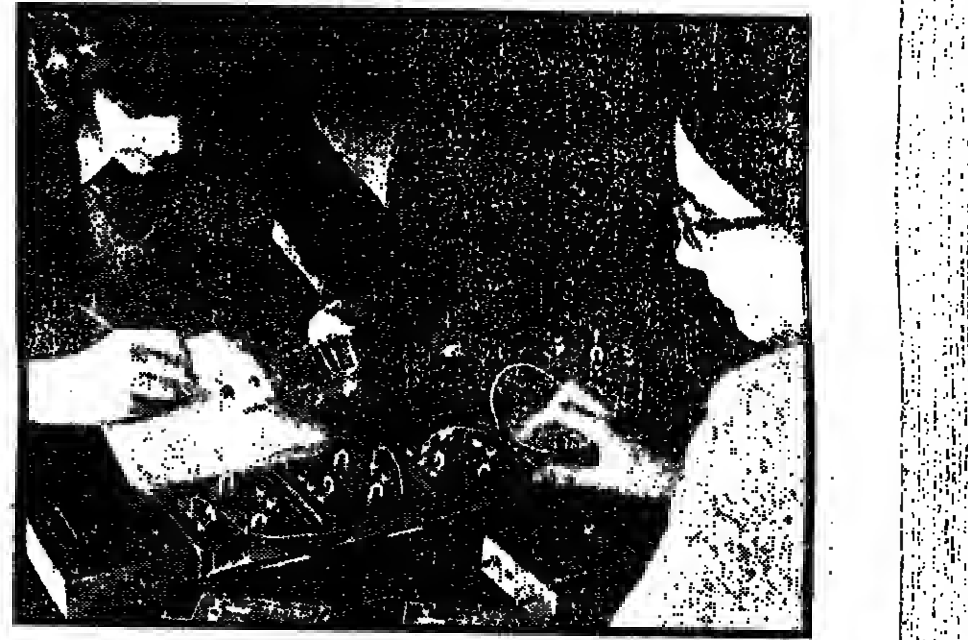
For those people who wish to go it alone the popular electronic magazine such as *Radio Constructor*, *Everyday Electronics*, *Practical Wireless*, *Practical Electronics*, *Wireless World* etc, provide a plethora of circuits and factual information. The necessary components can be purchased from the myriad of advertisers in those magazines or from that excellent mail order supplier—RS Components which will supply educational establishments.

At first glance RS may seem more expensive than others but one must realise that all their components are first class and that postage and packaging are inclusive. Another useful source of supply is the Surplus Buying Agency which can offer a wide range of cheap components.

Anyone wanting a systematic course should look at the *Basic Electronics* books developed by Project Technology and published by Hodder and Stoughton. These are written as a self-instructional course in five parts. Though some teachers may consider them too comprehensive and theoretical, especially for the less able pupils, they are invaluable for reference. Also useful is *Electronics for Schools* by Sparkes (Hutchinson). Designed as a work book, it leads the pupil through a series of circuits commencing with a battery and bulb and ending with a radio receiver. If one wishes to cover integrated circuits, essential reading is Plant's book, *Op Amp Applications* (National Centre for School Technology) whilst another source of ideas are the various books by Marston published by Iliffe. Manufacturers often provide data sheets and information; two worth a mention are Farrand's *E Line Transistor Applications* and Siemens's *Design Examples of Semiconductor Circuits*.

Once pupils, and staff, are hooked on electronics the way is clear. Circuits will be bread boarded first in S-DeC (P.B. Electronics) or Prototype Board (R.S. Components) or Unilab Bimboards. Then durable, professional looking, compact circuits will be made up on Stripboard (Vero Electronics or R.S. Components) or even on printed circuit boards (Electro Value Ltd, or R.S. Components). It must be emphasized that these particular techniques are not suitable for beginners as the layout does not follow the theoretical circuit diagram.

It is important that pupils should meet electronics and meet it in a way which is stimulating and which makes clear its relevance to modern life. It is a fundamental, pervasive technology which can be covered in schools. Although many teachers first meeting modern electronics may echo the words of the Great Duke contemplating his army—"I don't know what effect it will have on the pupils, but by God it terrifies me!"—their terror will soon disappear once battle commences.

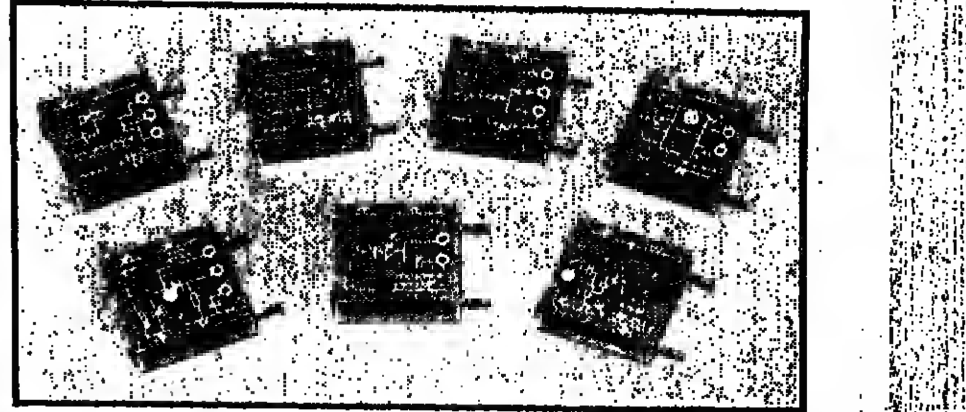


The Unilab electronics kit

Addresses

Electro Value Ltd, Englefield Green, Egham, Surrey TW20 0HB.
Ferranti Ltd, Kings Cross Road, Dundee.
Griffin & George Ltd, Ealing Road, Alperton, Wembley, Middlesex.
Philip Harris Ltd, Lynn Lane, Shenstone, Staffs WS14 0EE.
Heathkit, Daystrom Ltd, Gloucester.
Ideas for Education, 87a Trowbridge Road, Bradford-on-Avon, Wilts BA15 1EE.
Irwin-Desman Ltd, 294 Purley Way, Croydon CR9 4QL.
Leybold-Heraeus Ltd, Blackwell Lane, London SE10.
A. M. Lock & Co Ltd, Middleton Road, Oldham, Lancs OL9 6LP.
National Centre for School Technology, Trent Polytechnic, Burton Street, Nottingham.
P. B. Electronics Ltd, 57 High Street, Saffron Walden, Essex.
R.S. Components, P.O. Box 427, 13-17 Epworth Street, London EC2P 2HA.
Siemens Ltd, Great West House, Great West Road, Brentford.
Sinclair Instruments Ltd, 6 Kings Parade, Cambridge CB2 1SN.
Surplus Buying Agency Consortium, Richmond College Annexe, Station Road, Woodhouse, Sheffield.
Unilab, Clarendon Road, Blackburn, Lancs BB1 9TA.
Vero Electronics Ltd, Industrial Estate, Chandlers' Ford, Hants SO5 3ZR.
White Electrical Instrument Co, Spring Lane North, Malvern Links, Worcestershire.

John Lewis is Director of the UBI Resource Centre. David Tawney is Director of the CLEAPSE development group. The opinions expressed in this article are those of the authors and not the organizations for which they work.



The Griffin and George "Follow-on" kit for logic circuits, binary etc.

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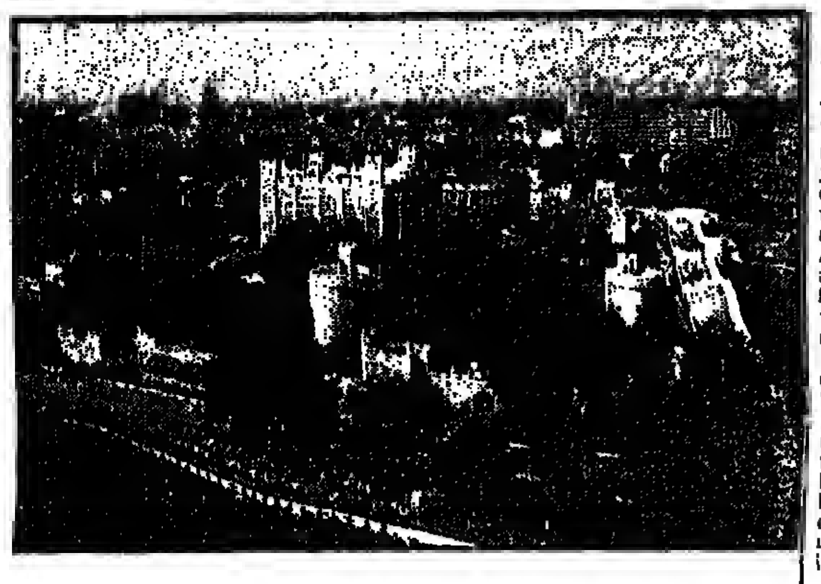


Tower of strength

by Gillian Thomas

Royal gun salutes, the installations of a new constable and of a yeoman warder, the Ceremony of the Keys: the Tower of London's traditions and pageantry are featured in a new 25-minute colour film *Ceremonies at the Tower*.

Produced by the Department of the Environment for school audiences and tourists, it will certainly have an immediate appeal. The fact that ancient passwords are still used at the tower today brings history to life in an exciting way.

As well as showing the four ceremonies, the film throws in plenty of information on the tower itself. For instance, the 62-gun salutes, fired exclusively there by the Honourable Artillery Company to mark the birth, accession and coronation of the monarch, are unique to the tower and date back two centuries.

The Ceremony of the Keys, the traditional locking-up of the tower, takes place every night beginning at 9.50 pm exactly. One of the oldest ceremonies of its kind, it dates back 700 years.

The installation of a new constable takes place every five years, an occasion of splendour and tradition. By contrast only the yeoman warders are present when a new one is sworn in by the tower's governor.

This film is a sequel to another by the DoE, *The Building of the Tower of London* (29 minutes), which traces its development from the Norman Conquest to the mid-sixteenth century. Others in a series called "Arms and Armour" cover *The Art of the Bowman*, *Early Firearms* (both 11 minutes) and *Nineteenth Century Firearms* (eight minutes).

All these films (in 16mm optical sound) — and others — can be obtained, some free of charge, from the Central Film Library, Government Building, Bromyard Avenue, London, W3 (01-743 5555).

For school visits to the tower, a booklet, *Educational Visits and Services*, gives invaluable advice, particularly on tours and talks, as well as such mundane—but essential—activities as eating and parking. In addition teachers' notes, graded resource lists and worksheets, on a selection of topics for various age groups, are available from the education officer. His address is the Education Centre, Waterloo Block, Tower of London, EC1 (01-709 0765, ext 247).

The aim of all these resources is to encourage teachers to look at something specific during a visit to the tower which ties in with a particular project. The tower, they suggest, is not the place purely for a day out.

School visits, if booked with the Receiver of Fees at least 10 days in advance, are free between September and April, with a 10 per cent reduction for party bookings during the summer months. Special programmes can be put on by arrangement in the new education centre on topics connected with the tower.

Also available from the DoE are leaflets, slides and postcards of the other 749 ancient monuments it looks after. They range from Hampton Court Palace to Hadrians Wall, from Stonehenge to Carisbrooke Castle; a booklet, complete with map, gives full details of them all. Alison Heath, recently appointed to be the department's first education officer, is concentrating on building up the information service available to schools for project work. She is at 25 Savile Row, London, W1.

To encourage children's interest in the people and clothes of the past, the department has published a series of 12 large cards of knights of various periods and countries to cut out, assemble and colour. Though relatively simple to complete, they are sufficiently intricate to arouse children's interest and to teach them about the armour and weapons of the time. Excellent value, too, at only 6p each. (Available from some DoE sites or direct from Lafone House, 11 to 13 Leather Market Street, London SE1.)

When only ruins remain of a building of the past, it is often infuriatingly difficult to visualize exactly what it must have looked like in its prime. To overcome this, the department has also published two large colour drawings (50p each) of Kenilworth and Deal Castles, depicting them as they were in the sixteenth century.

The Illustrated
LONDON NEWS
JULY
SILVER JUBILEE
Souvenir Number
Colour photographs of the procession,
Service of Thanksgiving
and other Jubilee events
On sale now — 50p

Nature dioramas for townees

The World Wildlife Fund has collaborated in the production of two nature trail diorama sets which have just gone on sale. Aimed at encouraging the interest of 8-10 year olds in the environment, they look at countryside and the seashore. A third, on town and garden, will be available in the autumn. They cost £1.45 each and, if successful, others will follow, probably on forest and marshland.

Each consists of a three-dimensional colour panorama (measuring 9in by 20in), together with descriptive sheets showing examples of the mammals, birds, plants, insects, etc, to be found there. Everything is illustrated in black and white and in colour, so that the child can use one as a guide for painting the other. Paints (and a brush) are included.

Eric Simms, naturalist and broadcaster, who is on the Fund's Advisory Panel, stresses that the trails have been designed particularly with town children in mind. "After all that's where most of them live, but even so they can observe a great deal particularly in parks if they know what to look for. Indeed it is incredible how the amount of wildlife can vary even over 50 yards.

"We hope that the trails will help children to appreciate the relationship between the different forms of wildlife, and also how things change—for example the effect of smokeless zones.

World Wild Life Fund, 29 Greville Street, EC1.

Introduction to screen printing

How to Screen Print is a set of four large wallcharts written, designed and published by Chris Troweck. Screen printing is one of those activities that many people have heard of but few have ever bothered to try, and these wallcharts—simply written, clearly illustrated and full of information—provide a useful introduction to the subject.

The first chart deals with making the basic equipment, which consists of a frame, mesh, squeegee (for pressing the ink through the screen) and the baseboard. These can all be constructed from relatively cheap materials. The next chart covers the different ways stencils can be cut, which is easy to follow as each section gives a step-by-step account, backed up by diagrams and lists of necessary equipment.

The third wallchart graduates to more complex methods of producing stencils based on photographic techniques. Photographs can be translated into silk screens by reducing them to hundreds of dots, a process which is unsurprisingly known as "screening". If you look carefully at photographs reproduced in newspapers, you will see they have been printed in this way. The final chart deals with the actual process of printing.

Screen printing can be a great deal of fun as well as serving the useful and economical function of publicizing the vast number of school events from jumble sales to discos. Well produced and designed posters can also transform the visual sterility of institutional buildings.

Graham Wade

How to Screen Print is available from Chris Troweck, 34 Oakfield Road, London, N4. Price £5 (plus 50p p and p).

Glittering prizes

A selection of some of the world's most glittering prizes will be shown in an exhibition of Fabergé objects and jewels at the Victoria and Albert Museum from June 23. Carl Fabergé was at work during the last years of the Imperial Russian Court and his customers included the King of Siam, King Edward VII and Queen Alexandra.

The Queen has lent a great deal of the Sandringham Collection for the exhibition. Other lenders include Prince Charles, Princess Anne and Bing Crosby. Admission will be 50p.

Further information from the Victoria and Albert Museum, Brompton Road, London SW7.

A visit to Didcot Engine Shed might not have mass appeal but would go down very well with steam enthusiasts. The town has arranged several Schools Steam Days when steam locomotives will be exhibited and visitors will be able to ride in Great Western Railway coaches.

Didcot Engine Shed is near British Rail's London to Bristol main line, which was engineered by Isambard Kingdom Brunel for the Great Western Railway. Locomotives on show were mostly built in the 1920s and 30s and the engine shed has been preserved very nearly in its original condition.

Schools Steam Days are from July 3 to 6 inclusive. Admission is 45p for adults and 25p for children under 16 with various reductions and concessions for parties.

More information from Schools Steam Days, Great Western Society, Didcot, Oxfordshire.

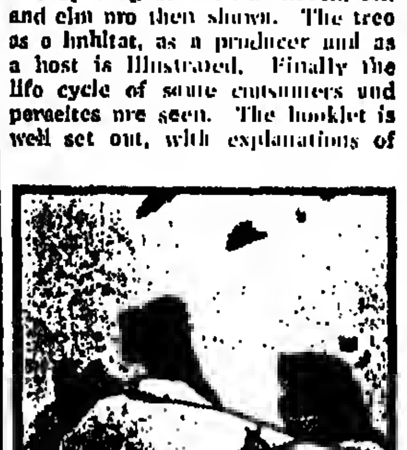
Nature reserves in miniature

by Harold W. Appleton

The Ecology of a Tree
S/F £3.50, D/F £3.90 plus VAT.
Ecology of a Canal
S/F £7, D/F £7.40 plus VAT.
Conservation of Matter
S/F only, £3.50 plus VAT.
Educational Productions Ltd.

The Ecology of a Tree is perhaps the most finished and useful production of these three filmstrips. Both the ecology filmstrips were made by G. E. Simmons, who lectured in field studies at a college of education. The filming is good, in very natural colour, and it is very easy to see the details the author wishes to emphasize.

He first follows the yearly cycle, using the oak tree as an example. The opening of buds of beech, ash and elm are then shown. The tree as a habitat, as a producer and as a host is illustrated. Finally the life cycle of some consumers and parasites are seen. The booklet is well set out, with explanations of frames, additional suggestions for teachers and a good reference and bibliography section.



Before he had finished the *Ecology of a Canal* Mr Simmons died and the work was completed by others, using his film material and notes. The tape commentary was added by J. A. Gilleghan. The tone is pleasant and friendly. However, the information could well have been expanded a little, and there is at least one important slip. Three plants are shown in one frame and named without stating whether the names run from the right or the left.

The pictures are not quite so good as in the previous strip. There are many excellent frames, but some show creatures in poor poses. One frame shows a mass of vegetation in which it is impossible to recognize the species being named. Some form of arrows and numbers are needed. The booklet is of the same high standard as that of the former filmstrip, and includes, in addition, the complete tape commentary.

Both of these filmstrips are aimed at the eight to thirteen age range but they could well be used at an older level and especially for field work.

Conservation of Matter is not well adapted to filmstrip treatment and would be better portrayed in a cine film where experiments could be shown in full as investigations. Here one is given the results without having had the benefit of observation. The story starts with the role of green plants, and the carbon cycle. References are made to farming and ecosystems.

A number of frames are devoted to a way of testing the idea of conservation using a photoflash bulb. This is followed by experiments involving the reaction between lead acetate and sodium chromate, and of burning tin in an atmosphere of oxygen. Hydroelectricity, nuclear energy, Einstein's famous equation and some alchemy are included. Eventually the problems of waste and pollution are reached. I would use this filmstrip but certainly would not use it to introduce the ideas of conservation of matter.

After setting a series of problems in the laboratory, some could be set from the filmstrip itself for experimental investigation. It could be used to draw the threads together and explain their significance. In this way it both revises and leads pupils to reach suitable conclusions. For the enterprising teacher the filmstrip could be very useful.

Pictures: seasonal variations from "Ecology of a tree".

Pins and needles

An afternoon out of the classroom gives any subject a bit of a lift. When the occasion offers a touch of glamour and the carrot of achievable results there is an added incentive to get down to acquiring necessary skills.

Pins and Needles, the home fashion magazine, has been running popular evening fashion shows up and down the country for some time. This autumn it is extending these in some towns to afternoon sessions exclusively for school parties and various women's groups. In a session lasting about an hour-and-a-half—with all the trimmings of professional models, bright lights and sweet music—more than 80 outfits to knit, sew or crochet will be on display.

These sessions will take place at Tunbridge Wells, Swansea and Bristol in September and Stoke-on-Trent, Manchester, Hemel Hempstead and Glasgow in October. Full details and tickets at 35p each are available from *Pins and Needles*, Room 235, Elm House, Elm Street, London WC1.

Puppetry enthusiasts may be interested in a series of sessions for Dora Boscham under the title "How to run a puppet workshop for children". The sessions are from 10.30 am to 5.30 pm, at the Lavender Hill Puppet Centre, London SW11, and are described as being suitable for teachers, youth leaders and parents. For £3 a day. Further information can be obtained from the Puppet Centre.

A new electronic calculator has been introduced by Broughton of Bristol. The Busicom LC-811 has liquid crystal display, and the makers say that this means the batteries and results can be seen in direct sunlight. The battery cells have a life of about 2,000 hours.

Functions of the calculator include percentage and square root. Its educational price is £45.60 plus VAT.

Details from Broughton & Co, Bristol BS8 1TE.

TALKBACK

Mixed-ability science

Tony Cole
Maggie Hannon

Classes of 30 first and second year pupils are taking science. They are of random ability, and are working in friendship groups of two or three. There is one teacher to each class, and one-eleventh share of 2½ technicians. Pupils make a choice of one topic from six and each group works independently.

To start a topic the group is given a specific task by the teacher and works on from there. They use all available resources, gradually adding new sources of information and assistance as they progress.

At the end of each lesson they hand in an order sheet for next lesson's equipment, and they also keep a "diary", a lesson by lesson record of their science activities. The teacher moves from group to group dispensing help and encouragement, analysing problems, being "used" as another "resource".

Class teaching science to mixed ability groups uncovers problems. A first attempt to deal with these was made. Work on existing topic areas was adapted to class teaching, with the addition of extension work. As questions were posed, some pupils were allowed to "discover" answers by teacher-direction to available resources.

There was a gradual move toward the use of worksheets and cards, to facilitate more independent work. The honeymoon ended after a short while. The confidence the children gained prompted them to ask questions which could not be answered by the resources at hand. At the same time, the confidence gained by some teachers, freed from a more "us and them" approach, prompted them to ask: "Why can't the pupils be on completely different topics, and so be placed in a situation which is all their own?"

As the next step, groups of pupils were allowed to choose and investigate one from six topics. Christened the "multi-topic" approach, this opened the possibility of choice of one topic from the whole selection. But experience showed it to be impractical; five or six topics seem to be the maximum which can be handled comfortably at any one time. Even two minds on one problem appear to be at a different stage of learning.

The "multi-topic" approach is used in a sprinkling of classes, with an upper limit in each of six topics, chosen from 16 or so covering the first two years. With 10 to 12 working groups in a class, it is possible to have no more than two groups on any one topic. Equipment and resource needs are, therefore, minimized as it is unnecessary to commandeer class sets of anything.

Each working group is given a task to start them on their topic; they may then use worksheets (as a text), books, ideas of their own, or teacher-inspiration, to guide them through the work. All the while, they keep as complete a record as they can in their diaries which have become an additional means of communication between teacher and pupil. At first the work

was more overtly teacher-led. Now the approach taken depends on group character and ability.

When the need arises a class lesson is taught, or part of a class may be taught together for a short time. All the topics are practical, and the equipment is made available in the room, usually on trolleys or a developing racking system. Pupils order equipment in advance, and are encouraged to devise their own experiments where applicable and to order apparatus sensibly.

It would be difficult to "prove" that a definite change has resulted. What is certain is that children are being forced to think for themselves, and that this is sometimes a painfully slow exercise.

Enthusiasm towards the end of the second year appears high. There are few problems of motivation, only of organization. We are becoming more confident of fitting the content to the group: "remedial" children liking to find a new challenge which is not necessarily topic limited—"academics" liking something to really get their teeth into. The need for public, academic comparisons is superfluous, as the class can all strive to produce their personal "best".

For the teacher it has meant harder work. It is necessary to contact each group every lesson. Plugging has to be diagnosed quickly, treatment decided upon and administered. Fingers must be kept on the pulse of the equipment usage-ordering system and on the regular reading of diaries. Resource material of all sorts must be garnered and catalogued and the teacher must become aware of where to direct pupils for these.

The result is often a feeling of being pulled apart a myriad ways at once. Within all this the teacher must be able to assess the needs and progress of each individual, to decide the best course of action, and remain undaunted by imperfection in themselves.

The problem of assessment has always been there. There has been a distinct improvement in the children's attitude. Academic attainments are examined by topic tests, but it is more than just core content that requires assessment. We are aware of external pressure for evidence to justify curriculum change, but we are also concerned to show that our pupils are progressing scientists, developing a questioning outlook.

Assessing qualities we feel are central to scientific method and general development has led us towards producing a profile of each individual. We are calling upon as many professional assessors as we can to help us to make our procedure more valid.

At the same time we are trying to build up a comprehensive and flexible bank of apparatus and paper resources—a bank which covers the maximum of topic areas and can be adapted to the several styles of teaching within the department.

Tony Cole and Maggie Hannon teach science at Wootton Bassett School, Swindon. They would like to hear from anyone who has had the same experience, or would like further information.

Open evenings

Tony Sawford

This information was gathered at the annual parents' evenings at Pear Tree Junior School in Derby, between 1974 and 1976. The survey aimed to record patterns of attendance, with the emphasis on the parents from the three main ethnic groups within the school. At the time of the survey the school population was about 50 per cent Asian (mainly Punjabis), 40 per cent European (mainly English) and 8 per cent Jamaican.

The results (Table 1) were surprising. For two of the three years the highest percentage attendance was recorded by Jamaican parents, a result which goes against the popular belief that West Indian parents are generally not concerned with their children's education, and are poor attenders at such functions.

The results for the other two major groups were much as expected, with a greater percentage of Europeans than Asians attending, with the attendance for both groups increasing steadily over the three years. In view of the problems encountered by Asians in attending such functions, this is not a surprising result. No reasons emerged to explain the comparatively low Jamaican attendance in 1976, but when dealing with the relatively small numbers involved the results are likely to vary more in comparison with the other groups.

TABLE 1
Comparison of attendances, by percentage, 1974-1976

	Asian %	European %	Jamaican %
1974	54	62	72
1975	63	72	73
1976	67	78	61

The age of the child appears to have some significance. The lowest average attendance for all three years was in the fourth year; it would appear that many Asians and Jamaicans feel that the primary stage of a child's education is over at this time, and is of less concern to them than previously. This result is supported by evidence from year groups, and by comparing classes as they moved up the school, with the lowest attendances for several individual classes appearing in the fourth year.

TABLE 2
Comparison of average attendance for remedial classes with average yearly attendance

	School average %	Remedial class average %
1974	61	41
1975	65	49
1976	69	47

One clear fact was the poor attendance for children in remedial classes. I feel these results can be ascribed to factors other than ethnic ones.

Another factor investigated was the influence of individual teachers. Six teachers were in the school for all three years, and a comparison of attendances in these six teachers' classes showed that the individual teacher is not an influencing factor. However, it could be that any influence the teacher has is offset by other influences.

The survey also looked at which parent attended; the result places the responsibility with the mother, as table 3 shows.

TABLE 3
Comparison of persons attending

Mother only %	Father only %	Both parents %	Other relative %
52	19	16	13

A breakdown of the data, collected in 1975 and 1976 only, revealed several differences between ethnic groups: the 16 per cent attendance of both parents was largely a European response. Table 4 shows the numbers attending.

TABLE 4
Comparison of attendance of both parents by ethnic grouping

	European %	Asian %	Jamaican %
1975	44	10	1
1976	46	7	1

Over the two years there was also a large increase in the number of Asian mothers attending with an interpreter, the actual numbers being 38 in 1975 and 67 in 1976. This would appear to reflect the trend that Asian women are getting out of their homes more than they used to, mainly to go to work. Whether this results in increased confidence, or a greater proficiency in the English language, or a combination of both, is difficult to ascertain.

The fact that far more Asian fathers can speak English is reflected in the comparison of mothers attending with interpreters and father attending with interpreters.

TABLE 5

	Mother and interpreter %	Father and interpreter %
1975	38	8
1976	67	5

This view was reinforced by comparing the percentage attendance of fathers for all racial groups (table 6).

TABLE 6

	Asian %	European %	Jamaican %
1975	19	6	less than 1
1976	19	6	less than 1

The 13 per cent attendance by other relatives (table 3) represents Asian relatives attending either because the parents were at work or because of lack of English in the family.

Following up of the parents who didn't attend indicated several things. Most European parents had, apparently, no desire to do so. On the other hand, Asian parents were inhibited by two factors: many were on shifts at the time of the parents' evenings; also, the inability to speak English, or a lack of confidence in speaking it, appeared to keep a fairly large number of Asian parents away. Some Jamaican parents also experienced difficulty because of shift work.

One minor part of the survey, conducted in 1976 only, was to see if there was any difference between attendance for boys and for girls. As table 7 shows, there was only a small difference. Perhaps the surprising result was that the Asian girls were marginally better represented than the boys. There seems to be a belief that Asian parents are more concerned with their boys than their girls. The results of the survey cast doubts on this belief.

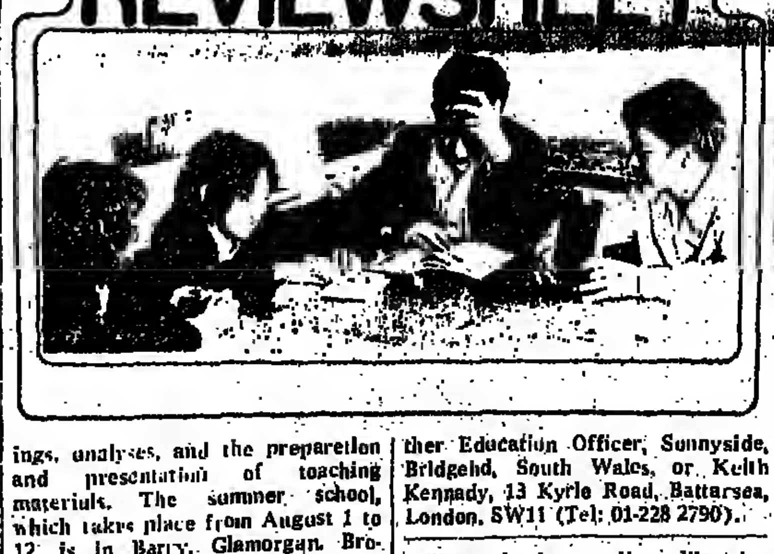
TABLE 7
Comparison of attendances between boys and girls, by percentage

	European %	Asian %	Jamaican %	Total %
Boys	84	66	63	70
Girls	73	70	60	68

Tony Sawford is at the Derby Resources Centre

Network

REVIEWSHEET



● *Reviewsheet* is a monthly pamphlet containing reviews of all children's fiction published that month, in hardback and paperback. The reviews are done exclusively by teachers. Copies are available free to London teachers through the ILEA English Centre; for others they are £1.10 for 12 issues, and obtainable from Jane Powell, Sydenham School, Dartmouth Road, London, SE26.

● The National Association for Film in Education is running a summer school for teachers who want to learn more about filmmaking, film criticism and the relationship between the two. Course work will be done through film screenings, analyses, and the preparation and presentation of teaching materials. The summer school, which takes place from August 1 to 12, is in Barry, Glamorgan. Brochures and application forms obtainable from The County Further Education Officer, Sunnyside, Bridgend, South Wales, or Keith Kennedy, 13 Kyrle Road, Battersea, London, SW11 (Tel: 01-228 2790).

● Any school or college librarian who may be disposing of books on sport, physical education, recreation or health education published before 1946 might consider sending them to the Carnegie Historical Collection at Leeds Polytechnic. Books in the collection are made available to scholars and libraries through normal inter-library loan channels. Single items welcome without advance warning; otherwise notify Robin Bateman, Sub-Librarian, Leeds Polytechnic, Beckett Park Site, Leeds LS6 3QS. Postage will be refunded if required.

● The education department in Devon has just published *Sharing and Growing*, a 66-page pamphlet on the growth, aims and present activities of the county's community colleges. Copies 40p post free from the Chief Education Officer (BR1), County Hall, Exeter, Devon EX2 4QG. Cheques to be made payable to Devon County Council.

● The main theme of the latest *Teaching London Kids* is "Women and Sexism in Schools", with sections on classroom materials and courses, a portrait of a "sexist school", opportunities for girls and women teachers and women as workers. There's also a piece by Stuart Hall on "The Development of Youth Culture", and an article about football "hooligans". *TLK* 10 costs 25p plus 10p postage, from 79 Ronalds Road, London, N5. Cheques or postal orders payable to "Teaching London Kids".

A diploma course in children's literature, which seeks to implement many of the recommendations of the Bullock Report, is being run by Ethel Wormald College of Education in Liverpool. Students are able to conduct research into children's reading habits and tastes; practical sessions include a micro-teaching approach to story reading. Other aspects of the course include multi-cultural literature, readability, poetry teaching, and integrating children's literature with the rest of the curriculum. Details from the academic secretary at the college, Mount Pleasant, Liverpool 13 5SN (Telephone: 051-709 6342-5).

A taste of the outdoors

Tony Heath visits an outdoor education centre in Snowdonia which serves the needs of Birmingham's teachers and pupils

In recent years there has been an upsurge of interest in outdoor education and recreational pursuits carried on away from the school itself. Increasing numbers of organized school parties have been taking to the countryside—some to study geography, geology, botany and the environment at first hand, others to go mountain walking, rock climbing, camping and canoeing.

A minority of teachers and parents—and a handful of l.e.a.s—still regard outdoor education of any description as a marginal extracurricular activity. However, their numbers are dwindling as evidence of the benefits that flow from outdoor pursuits piles up. It is becoming the rule, rather than the exception, to recognize this ingredient as an important element in recipes for a well-rounded education.

L.e.a. outdoor education centres, almost by definition, tend to be located in areas such as the Lake and Peak districts, Wales and the West Country, all of which are in effect vast natural classrooms. A number of such centres, like Birmingham's Ogwen Cottage in the heart of Snowdonia, have been in operation for 10 or more years.

Ogwen, 180 miles outside Birmingham's city limits, runs courses in mountain craft for boys and girls over 14, plus courses for teachers and youth leaders who seek to gain the Mountain Leadership Certificate (MLC), the recognized evidence of technical competence for leading groups of young people in the mountains during summer.

The centre has a reputation for helping the outdoor enthusiasts among Birmingham's 11,000 teachers to attain the level of expertise necessary for party leaders. Eighteen of them, all in their 20s or 30s, assembled at Ogwen Cottage recently. Sixteen, from 14 of the l.e.a.'s 110 or secondary schools, were taking the one-week introductory course, the starting point for MLC aspirants. Two were back at Ogwen for a week, during which the centre's staff assessed their potential as certificate holders.

The MLC was introduced in 1964 when the Mountain Leadership Training Board (MLTB) was set up by the forerunner of the Sports Council, the Council for Physical Recreation. At that time large numbers of school parties—some rather haphazardly supervised—began appearing in Britain's mountains. It was also start of the era of the mini-bus. It was also the era of mountain accidents on a worrying scale. David Jones, warden of Ogwen Cottage, recalls: "I was frequently called out to take part in mountain rescues. Today teachers and parents appreciate that those looking after parties of youngsters must be competent".

A large l.e.a. like Birmingham, with more than 200,000 pupils in about 500 schools, can organize outdoor education which has a special significance for city children. Merely to live for a week or two among the spectacular terrain of North Wales can be valuable.

The Birmingham teachers who recently spent seven days fording flooded rivers, scrambling up Snowdon's majestic shoulders, pitching tents in remote camp sites, and trekking through the mountains, returned to the classroom more confident, as well as appreciably fitter.

Map and compass work, route planning, procedures for traversing different sorts of ground, and the selection of equipment like anoraks, wind and water-proofs and boots, formed a basic part of the programme. Tents, stoves, sleeping bags and rucksacks were given a *Which?* scrutiny. Instruction in camp craft, shorthand for setting up a tented community under conditions that can vary from the benign to the hostile, was given before the teachers set out with Ogwen's resident instructors for a 24-hour exercise in the mountains.

A knowledge of rope tying may seem elementary, even boy scoutish. But its value was dramatically illustrated in Snowdonia recently in an incident, unconnected with any l.e.a. centre, when 14 young Americans, the sons and daughters of USA servicemen in Britain, and their three supervising adults, took a wrong turning 3,000 feet up as dusk fell. Sensibly, they roped themselves together and sat tight on the steep slope until help reached them in the morning.

Crossing rivers, by rope or simply by walking using a branch as a third leg, offers participants in the MLC introductory course scope for more than just getting wet. The Birmingham 16 who spent a couple of hours fording and refording one of North Wales's many torrents had first learned how to recognize a safe crossing point. Why, one asked, was it necessary to cross at all? Surely one would avoid streams in spate? But the unpredictable mountain weather can turn a placid babble, easily crossed on the outward journey, into a raging cataract a few hours later.

A requirement for those taking the introductory course for the MLC is that they should already be experienced hill walkers with a real interest in leading parties in the mountains. After the initial course each candidate is required to log at least 16 days in mountainous country, half of which must involve overnight camping. Thirty named peaks over 2,000 feet, selected from more than one area, must also be scaled in company with someone more experienced. When the log book is completed—this usually takes more than a year—candidates return for assessment. Recommendations are sent by the assessing centre to the MLTB, the awarding body.

Malcolm Holmes, a member of Birmingham's inspectorate specializing in physical education, was this year taking the MLC introductory course himself. He helps to administer the Birmingham end of Ogwen's busy programme, arranging pre-course briefings in the city and liaising with David Jones at the centre. "Outdoor education is a positive benefit for city children, many of whom may never know the real countryside but for places like Ogwen Cottage", he believes. And he is impressed by the enthusiasm a week's stay there generates among teachers.

Steve Muldey, who teaches biology at King's Norton secondary school, confirms this view. He has just finished his week's assessment, and returns to Birmingham to carry on with his weekend work of helping youngsters taking part in the Duke of Edinburgh's Award Scheme.

For Dave Langmore, a geographer at Perry Beeches secondary school, it meant becoming familiar with the role involved in acting as pilot—the man who accompanies a stretcher case on the vertical journey down a 100ft cliff face—in a mock rescue.

Keith Belfield, who teaches mathematics at Bramlwood secondary school, sums up the initial course thus: "I feel much more confident to take children on expeditions now. Mountain walking and camping are good complements to my activities as a canoeing instructor".

One of the three women on the course, Mary Morgan, says she "really enjoyed stretching herself". Scrambling up steep scree and camping overnight amid awe-inspiring crags is a contrast to teaching mathematics at the city's King Edward's girls' school, where this year she added running the Duke of Edinburgh Award Scheme to her other responsibilities.

For much of the year Ogwen Cottage runs 12-day mountain craft courses for Birmingham boys and girls. In a year, about 600 pupils will spend some time there. The course covers a variety of subjects from local geography to rock climbing, and many participants return later in their school careers for a seven-day extension course. Add in the MLC courses and the centre is operating at a high level—something around 45 or 46 weeks a year.

David Jones, the warden, and his four resident staff—Rob Collister, K. C. Gordon, Roy Greenall and Ian Leslie—are all qualified mountaineering instructors. Their professionalism and enthusiasm communicates itself to both children and young teachers equipping themselves as party leaders.

When Birmingham bought Ogwen Cottage in 1964 it made an investment in education which is paying dividends it could hardly have foreseen. It must be gratifying for an l.e.a. to see a comparatively modest outlay continuing to yield rewards, enriching the education of its children and helping its teachers to help achieve that objective.

Centres of excellence?

Jim Hogan

In centres for outdoor activities there is almost always conflict, between specialist and pastoral requirements. If one is considering centres of excellence for potential Olympic candidates, there is a case for employing highly skilled specialists. Presumably, however, only the Sports Council and the national centres are affected by this criterion, and even they only at specific periods.

The concern of the National Association for Outdoor Education—comprising advisers, lecturers, wardens and staffs of outdoor pursuit centres, as well as teachers—is more likely to be with the broadening of the base from which the centres of excellence may ultimately recruit. In centres which accept this as their objective, it may be possible to introduce rationalization which will yield economy. Centres which draw their pupils almost exclusively from l.e.a. schools may gain positive advantage from a review of staffing policy.

A very high ratio of permanent staff to pupils may be justified if the purpose is to offer a crash course in specialist techniques—in, say, sailing, canoeing, caving, climbing, or skiing. But such an introduction is unlikely to result in continued development except in the case of a minority of pupils. Against this has to be weighed the possibility that a large majority might have gained immensely from a course in which the activity was a peripheral consideration.

The King George's Jubilee Trust has grant-aided residential courses for pupils on transfer from primary to secondary schools. The original proposition was that those who might find most difficulty in adapting to a new school might gain significantly from a residential course in the care of those who would in future be responsible for their progress and well-being. A course in which staff can establish close personal relationships with pupils can totally transform the future development of a great number, whose prognosis from their primary schools may be one of failure.

The critical factor in the courses was not contact with a specialist instructor for a short period—however gifted the instructor and however valuable such an experience may prove to be—but the establishment of a trusting relationship with a teacher preparing for responsibility for the pupils' wellbeing.

If the results of the Jubilee Trust initiative are as significant as they appear to be, the residential accommodation is an asset to be [illegible] prized most highly. Its fullest exploitation, however, may be dependent upon a planned involvement of day school staffs for short periods with their own pupils. Until we can realistically consider the establishment of a greater number of centres of excellence, it may be that there is greater value in arranging for permanent staffs of residential centres to provide a resource of technical expertise deployable over the whole year, and supplemented as required by short-term staff accompanying their own pupils, students or club members.

It is possible that this could result in greater overall benefit, more intensive exploitation of plant, and a more fruitful involvement (and training) of a greater number of people at all levels than at present.

Jim Hogan is president of the National Association for Outdoor Education.

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Nursery Education

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
ST. MARY'S V.A. LOWER SCHOOL, Dunstable Road, Caddington, Beds. Headmaster: Mr. W. H. Clarke
Required for September, 1977, young forward-thinking NURSERY TEACHER to work within a new purpose-built 40-place Nursery Unit. Scale 1.
Application forms obtainable from and returnable to the Headmaster (stamped addressed envelope, please).

DEVON
EXETER CHESTNUT AVENUE NURSERY SCHOOL
(Roll 119)
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER. Applicants must be nursery trained. Willingness to assist with out of school activities an advantage.
Scale 2 post.
The successful applicant will be expected to take up the appointment in September, 1977, or as soon as possible thereafter.
Application forms (stamped addressed envelope, please) from Headmistress, Chestnut Avenue Nursery School, Magnolia Avenue, Burnthouse Lane, Exeter, returnable by 8th July, 1977.

FOR WANDSWORTH AREA.—Experienced Infant Teacher for flexible part-time work with bright children. Bilingual an advantage. Write Box [illegible], The Times, WC1X 8EZ.

Primary Education

Headships

BARNET
(London Borough)
Required for September, 1977, or January, 1978
GOLDBEATERS J.M.I. SCHOOL
Thirleby Road, Burnt Oak, Edgware HA8 0HA
(Roll 360)
Applications are invited from suitably qualified and experienced TEACHERS for the post of HEAD TEACHER. Group 5.
Schemes for payment of removal expenses and separation allowances in approved cases.
Application forms (stamped addressed envelope) and further details obtainable from the Director of Educational Services, Town Hall, Friern Barnet N11 3DL, to whom completed forms should be returned by 11th July, 1977.

CAMBRIDGESHIRE
HUNTINGDON AREA
WHEATFIELDS INFANT SCHOOL
St. Ives
Applications are invited for the HEADSHIP (Group 3) of this new semi-open-plan Infant School for Easter, 1978.
Application forms and further information available from the Senior Area Education Officer, Gazeley House, Huntingdon (stamped addressed envelope, please), returnable by 8th July, 1977.

CLWYD
COUNTY COUNCIL
LLYSFAEN CONTROLLED SCHOOL
Colwyn Bay
(115 pupils)
Applications are invited for the HEADSHIP of this school, Group 2.
Application forms (in Welsh or English) may be obtained from the undersigned, to whom they should be returned by 4th July.
John Howard Davies, Director of Education, Shire Hall, Mold.

CORNWALL
EDUCATION COMMITTEE
Applications are invited from qualified TEACHERS for the following PRIMARY HEADSHIP:
BOSVIGO COUNTY PRIMARY JUNIOR AND INFANTS' SCHOOL
Truro
Group 5
[illegible] on roll
Vacancy occurs 1st January, 1978.
Application forms and further details from and returnable to the Secretary for Education, County Hall, Truro, on receipt of a stamped addressed envelope.
Closing date 11th July, 1977.

CUMBRIA
EDUCATION COMMITTEE
SACRED HEART R.C. PRIMARY SCHOOL
Barrow-in-Furness
(Aided, Mixed four to 11, roll 1591)
Required for January, 1978, a HEAD for this Group 4 school.
Further details and application forms available from C. O. Oshop, Assistant Director of Education, John Whinnerah Institute, Barrow-in-Furness, to whom completed application forms should be returned by July 8, 1977.

DORSET
Re-advertisement
ST. ANDREW'S C.E. (CONTROLLED) PRIMARY SCHOOL
Yetminster, near Sherborne, Dorset
Group 4
(Previous applicants will be reconsidered)
HEADTEACHER required from January, 1978, for this new school opened in September, 1976. Roll 170 including [illegible] children in two special classes.
Assistance with removal and legal expenses.
For application form (to be returned by 4th July) and further details send foolscap stamped addressed envelope to the Education Staffing Officer, County Hall, Dorchester, Dorset, DT1 1XJ.

DUDLEY
(Metropolitan Borough)
Applications are invited from well-qualified and experienced teachers to fill the post of HEAD TEACHER at the following school from September, 1977:
BROMLEY FIRST SCHOOL
(Group 5)
Bromley, Pensnett, Brierley Hill
(5-8, 265 on roll)
Further particulars and application forms from: J. Buck, Director of Education, Education Department, 2, St. James's Road, Dudley, West Midlands, DY1 1JQ (stamped addressed envelopes) to whom completed forms should be returned.

HAMPSHIRE
PORTSMOUTH AREA
CASTLE VIEW FIRST SCHOOL
Required from January, 1978
HEADTEACHER—Group 5.
Stamped addressed envelope to Area Education Officer, 17/18 Western Parade, Portsmouth PO5 3JD for form and details. Closing date 8th July.

HAMPSHIRE
OAKWOOD FIRST SCHOOL
Romsey Road, Southampton
Required for January, 1978.
HEAD TEACHER—Group 5.
Stamped addressed envelope for details and application form to the Area Education Officer, Ampthill Towers North, Portland Terrace, Southampton SO9 4XL.
Closing date for applications: 1st July, 1977.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
Appointment of HEAD TEACHER

THANET DIVISION
Re-advertisement
RAMSGATE NEWINGTON COUNTY PRIMARY INFANTS' SCHOOL
Group 5, Roll 234
Appointment to take effect from Spring Term 1978.
Application forms and further particulars from the Divisional Education Officer, Education Offices, Oakmount, The Vale, Broadstairs CT10 2YZ, to whom they should be returned by 8th July 1977.

TUNBRIDGE WELLS DIVISION
APPOINTMENT OF HEAD TEACHER
SOUTHBOROUGH ST. PETER'S C.E. JUNIOR
Group 6, Roll 305
Appointment to take effect from 1st January 1978.
Application forms and further particulars from Divisional Education Officer, 39 Grove Hill Road, Tunbridge Wells, Kent TN1 1SL, to whom they should be returned by 1st July 1977.

LIVERPOOL
Applications are invited for the following posts required for September, 1977, or as soon as possible thereafter:
HEADTEACHER (GROUP 6)
CHILDWALL C. of E. PRIMARY SCHOOL
Woolton Road, Liverpool L16 0JD
Application forms obtainable from (stamped addressed envelope) and returnable to Reverend R. Thornton, Childwall Vicarage, Childwall Abbey Road, Liverpool L16 0JW, not later than 4th July, 1977. Quote reference P. & M. 185(a).
HEADTEACHER (GROUP 4)
ST. MALACHY'S R.C. JUNIOR MIXED E.P.A. SCHOOL
Beaufort Street, Liverpool L8 6UA
Application forms obtainable (from stamped addressed envelope) and returnable to Reverend Father O'Dwyer, St. Malachy's Presbytery, Beaufort Street, Liverpool L8 6UA, not later than 4th July, 1977. Quote reference P. & M. 148(a).

ROTHERHAM
(Metropolitan Borough of)
DEPARTMENT OF EDUCATION
MEADOWHALL JUNIOR SCHOOL
Required for January, 1978:
HEAD TEACHER, Group 7.
Closing date 15th July, 1977.
Application forms and further particulars may be obtained by sending a foolscap stamped addressed envelope to the Principal Recruitment Officer, Education Offices, Municipal Offices, Howard Street, Rotherham. Tel. 2121, ext. 3367.
B. W. Ellis, Director of Personnel Resources.

Deputy Headships Senior Masters/Mistresses

BERKSHIRE
ALEXANDER COUNTY FIRST SCHOOL
Kennedy Road, Windsor
For September or January: a DEPUTY HEAD (Group 5) for this open-plan school, which from September, 1977, will begin the first stages of transition from primary (five to 11) to first school (five to nine).
London Fringe Allowance (£150). Lodging allowance and removal expenses schemes in operation.
Forms and further details from District Education Officer, Alma Road, Windsor (stamped addressed envelope).
Closing date: 4th July, 1977.

Senior Primary Posts

The London Borough of Redbridge is a pleasant residential area in North East London with easy access to the West End and the Essex countryside. Help will be given in finding accommodation, with legal fees for house purchase, removal and resettlement expenses where appropriate. Outer London Allowance payable.
Applications are invited from suitably qualified and experienced teachers for the following posts which will be vacant from January, 1978.

Headships

William Torbitt Junior School. No. on Roll 380. Group 6.
South Park Infants' School. No. on Roll 270. Group 5.

Advisory Teacher

An advisory teacher for Primary Education. A casual car user's allowance is available. Scale 3 post available for a suitable candidate.
Application forms available from and returnable to J. E. Fordham, B.A., Chief Education Officer, Education Office, 255-259, High Road, Ilford, Essex IG1 1NN. Completed application forms should be returned by Tuesday, July 5, 1977.

Redbridge London Borough

ilea
Inner London Education Authority
For teaching posts in Inner London

See pages 56-57

ilea INNER LONDON EDUCATION AUTHORITY

New Nursery School in the Westway Nursery Centre
Maxilla Gardens, W.10

Headship

Applications are invited from suitably qualified teachers for the headship of a new nursery school to form part of the Westway Nursery Centre, which it is hoped will open in January, 1978. The Centre also contains day care facilities and a parents' "drop-in" centre which will be run by the Westway Nursery Association. The Nursery School element will provide accommodation for 60 full-time pupils. The head of the school will be a member of the ILEA's permanent teaching staff and will be part of the Centre's senior management team, which will be comprised also of the Nursery Officer-in-Charge of the Day Nursery and the Co-ordinator/Director of the Parents' Centre. It is hoped to make an appointment early in the autumn term to enable the successful candidate to take up the post by January 1, 1978. Burnham Group 2, salary £4,311-£4,839, plus £501 supplement, plus £402 London Allowance.

Application forms and further details available from the Education Officer, EO/TS10, County Hall, London, S.E.1. Closing date for return of completed application forms, July 8.

Classified Advertisements

The charge for advertising in all classifications is 66p per line (minimum 3 lines).
Display in classified advertisements £3.80 per single column cm (minimum space 9.5 cm double column at £72.20).

A charge of 50p is made for Box Number facilities.

Advertisements published in the Scottish edition only will be subject to a 25 per cent discount on the above rates.

Advertisements received by Monday will be published in the following Friday's issue subject to availability of space.
Copy should be sent to:—
The Advertisement Manager,
The Times Educational Supplement,
New Printing House Square, Gray's Inn Road, London WC1X 8EZ,
by Monday for the following Friday's issue.

PRIMARY
Deputy Headships continued

BRENT
(London Borough of)
OLDFIELD (JUNIOR MIXED AND INFANTS') SCHOOL
Oldfield Road, N.W.10
(Roll 290)
Required from September or January: DEPUTY HEAD TEACHER (Group 6) for this newly re-organised multi-ethnic Social Priority School. Successful Junior experience essential. The post offers interesting opportunities to the successful candidate.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.
Application forms (stamped addressed envelope) obtainable from the Director of Education, P.O. Box 1, Chesterfield House, 9 Park Lane, Wembley, HA9 7RW, returnable to Mrs. P. Simons, Headmistress, Oldfield Infants' School within 10 days.

CALDERDALE
(Metropolitan Borough of)
EDUCATION DEPARTMENT
ELLAND C. OF E. (AIDED) JUNIOR AND INFANT SCHOOL
Westgate, Elland, HX5 0BB
(380 on roll)
Required for 1st January, 1978: an experienced TEACHER as DEPUTY HEAD TEACHER at this Group 5 school. A communicant member of the Church of England is preferred.
Previous applicants will be reconsidered without re-application.
Application forms and further details obtainable, on receipt of a stamped addressed foolscap envelope from the Headmaster to whom completed forms should be returned by 15th July, 1977.

CLWYD
COUNTY COUNCIL
Applications are invited for the DEPUTY HEADSHIPS of the following schools:
MERLLYN C.P., Bagillt
(Group 5; 325 pupils)
BRYN PENNANT C.P., Mostyn
(Group 4; 220 pupils)
Application forms (in Welsh or English) may be obtained from the undersigned, to whom they should be returned by 4th July.
John Howard Davies, Director of Education, Shire Hall, Mold.

CROYDON
(London Borough of)
KINGSLEY JUNIOR SCHOOL
Chapman Road, Croydon, CR0 3NX
Tel.: 01-684 4005
Tenable: 1st September 1977 :
A DEPUTY HEAD TEACHER required. Suitable applicants will be widely experienced, have a range of varied interests and a zeal for the modern principles and practice of primary education. The vacancy occurs through retirement of present holder.
Salary—Deputy Head Teacher Group 5 plus Social Priority Allowance, with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from and returnable to the Head Teacher at the above address as soon as possible.

DERBYSHIRE
COUNTY COUNCIL
SOUTH WINGFIELD PRIMARY SCHOOL
Church Lane, South Wingfield, Derby DE5 7NJ
DEPUTY HEAD TEACHER. Group 3.
Application forms and further details to be obtained from the Headmaster, to whom completed forms should be returned.

METROPOLITAN BOROUGH OF STOCKPORT

PRIMARY

Required for January, 1978, or earlier if possible :
Brindale Primary School, Brindale Road, Brinnington
DEPUTY HEADTEACHER (Ref. 508/TES)
Group 5 + S.P.S. Allowance.

Mellor Primary School, Church Road, Mellor
Marple Bridge
DEPUTY HEADTEACHER (Ref. 507/TES)
Group 4.

All Saints C.E. (Controlled) Primary School
Brickbridge Road, Marple
DEPUTY HEADTEACHER (Ref. 509/TES)
Group 4.

Applications for the above posts from suitably qualified and experienced teachers. Special interests should be indicated.
Application forms from the Director of Education, Town Hall, Stockport (quoting reference), and return to the Headteacher by 8th July, 1977.

Educational Appointments

EDUCATION COMMITTEE
Required for January :
Application forms obtainable from and returnable to the Education Officer, 50 Huddersfield Road, Barnsley, by 11th July, 1977 (s.a.e. please).

Lawrence Briggs Infant School
Lindhurst Road, Athersley, Barnsley
Headteacher—Group 4

Springwood School
Carlton Road, Barnsley
Headteacher—Group 6(S) of this ESN (M) school with 120 pupils.

Wilthorpe Junior School
Greenfoot Lane, Barnsley
Headteacher—Group 6

Wombwell Highfields Junior School
Newsome Avenue, Wombwell, Barnsley
Headteacher—Group 5

Member of Permanent Supply Staff (Scale 2 or 3)
To work mainly in the area of English and General Studies in the Authority's Secondary Schools.

Required for January :
(Apply by letter to the Headteacher giving full curriculum vitae and two referees)

Oaks School
(11-16 comprehensive)
Cypress Road, Kendray, Barnsley
Headteacher : F. Parkin
1. HEAD OF SCIENCE.
(Scale 3) with a particular interest in Chemistry.
2. TEACHER OF ENGLISH.
(Scale 2).
3. HEAD OF GEOGRAPHY.
(Scale 2).

BARNSLEY
Metropolitan Borough

DERBYSHIRE
EDUCATION COMMITTEE
LINTON PRIMARY SCHOOL
Main Street, Linton,
Burton on Trent, Staffs
DEPUTY HEAD TEACHER required from January or as soon as possible for this Group 5 school.
Application forms (stamped addressed envelope, please) are available from and should be returned to the Area Education Officer, 16 St. Mary's Gate, Derby, not later than 11th July, 1977.

DERBYSHIRE
EDUCATION COMMITTEE
RIDGEWAY INFANT SCHOOL
Uplands Avenue, Littleover, Derby
DEPUTY HEAD TEACHER required from January or as soon as possible for this Group 4 school.
Application forms (stamped addressed envelope please) available from and should be returned to the Area Education Officer, 16 St. Mary's Gate, Derby, not later than 8th July, 1977.

HERTFORDSHIRE
COUNTY COUNCIL
NORTH HERTS DIVISION
MARY EXTON J.M.I. SCHOOL
St. Michael's Road, Hitchin
(Group 5)
DEPUTY HEADSHIP from 1st January, 1978 (or earlier if possible). Experienced primary teacher required who has an enthusiastic and imaginative approach.
For further details of post apply to Head. In appropriate cases assistance could be available with removal expenses. There is a possibility of help with accommodation.

HERTFORDSHIRE
COLDERN HILL (VA) INFANTS SCHOOL
Bushey
Roll: 90
Required September or January: DEPUTY HEAD, Group 2. An experienced Infant Teacher, able to offer music and committed to modern methods, required for this small, lively school.
Application form and further details from the Divisional Education Officer, Little Cassiobury, Hempstead Road, Watford WD1 3LY, to be returned as soon as possible.

HERTFORDSHIRE
OXHEY WOOD J.M.I. SCHOOL
Northwick Road, S. Oxhey, Watford
Applications are invited for the post of DEPUTY HEAD of this Group 5 Junior Mixed and Infant school for January, 1978.
An experienced and enthusiastic teacher is required for an upper junior class. The successful candidate will be expected to share responsibility for the development of the curriculum.
Application form and further details from the Divisional Education Officer, Little Cassiobury, Hempstead Road, Watford WD1 3LY, to be returned as soon as possible.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
DARTFORD DIVISION
TEMPLE HILL JUNIOR SCHOOL
St. Edmund's Road, Temple Hill, Dartford DA1 5ND
DEPUTY HEAD required from January, 1978. Group 7 school. Fringe allowance.
Application forms and details (stamped addressed envelope) from Divisional Education Officer, Essex Road, Dartford. Closing date July 8th.

DOVER DIVISION
ST. RADIGUND'S COUNTY PRIMARY SCHOOL
St. Radigund's Road, Dover
Group 4
DEPUTY HEAD TEACHER required from January, 1978. Please state additional interest.
Application forms and further details are obtainable from the Divisional Education Officer, Cambridge Terrace, Dover (stamped addressed envelope, please).

TONBRIDGE AND MALLING DIVISION
MORE PARK R.C. PRIMARY SCHOOL
More Park, West Malling, Kent
DEPUTY HEAD required for January, 1978, for this Group 4 school, must be experienced TEACHER and a practising Catholic. Interest in Infants Department advantageous.
Application form should be obtained from Headmaster at the above school.

MAIDSTONE DIVISION
HOLLINGBOURNE C.P. SCHOOL
Near Maidstone
DEPUTY HEAD TEACHER for January, 1978, required for this Group 3 school. Applicants should be enthusiastic, career-orientated TEACHERS willing to accept responsibility and keen to play an important role in the life of the school and its extra curricular activities. Please state your special interests and aptitudes.
Application forms available from and returnable to the Headmaster (stamped addressed envelope).

TUNBRIDGE WELLS DIVISION
ST. JAMES' C.E. JUNIOR SCHOOL
Sandrock Road, Tunbridge Wells
Group 5
DEPUTY HEAD TEACHER required for January, 1978. An interest in developing cooperative/team teaching desirable. Practising Christian preferred.
Application forms and further details available from the H.E.O., 39 Grove Hill Road, Tunbridge Wells, returnable by 8th July (stamped addressed envelope, please).

SHEPWAY DIVISION
ST. MARTIN'S C.E. PRIMARY
Horn Street, Folkestone, Kent.
CT20 3JJ.
Present roll 118
DEPUTY HEADTEACHER, Group 3 School, as CLASS TEACHER for First and Second year Juniors, with ability to take the Boys' Games, January, 1978.
Applications to the Headmistress (stamped addressed envelope, please).
Closing date, July 8, 1977.

KIRKLEES
METROPOLITAN COUNCIL
BROWNHILL INFANTS' SCHOOL
Upper Batley Lane
Batley, WF17 0NP
Applications are invited from suitably experienced TEACHERS for the DEPUTY HEADSHIP of this Group 4 Infants' School for January 1978.
Application forms and further particulars (stamped addressed envelope, please) from the Director of Educational Services, Oldgate House, 2 Oldgate, Huddersfield, HD1 6QW. Closing date for completed forms: 8th July 1977.

LINCOLNSHIRE
SPALDING
GOODFELLOWS V.C.P. SCHOOL
DEPUTY HEAD TEACHER
(Group 3 (£3,530 to £4,775))
(83 on roll)
For January: Deputy Head to teach Juniors.
Forms from the Divisional Education Officer, County Hall, Boston, Lincs (mark envelope "request for application form" and enclose stamped addressed envelope). Closing date: 8th July 1977.

NEWHAM
(London Borough of)
PRIMARY SCHOOLS
DEPUTY HEADSHIPS
COLEGRAVE JUNIOR SCHOOL
Henniker Road, London E15 1JY
(Roll 347)
Required September or as soon as possible thereafter:—
DEPUTY HEAD TEACHER—Group 6.
Burnham Scales plus London allowance £402 plus Social Priority allowance £301 or £276.
Application forms may be obtained from the undersigned, to whom they should be returned by 1st July, 1977.
J. S. Wilkie, M.A., Ph.D., Director of Education, Education Offices, Broadway, Stratford, London E15 4BH.

NORTH YORKSHIRE
(County of)
PICKERING COUNTY JUNIOR SCHOOL
(Group 5)
Applications are invited from suitably experienced TEACHERS for the post of DEPUTY HEAD TEACHER.
Send stamped addressed envelope for application form and further particulars to the County Education Officer, County Hall, Northallerton, to whom they should be returned within 14 days of the appearance of this advertisement.

REDBRIDGE
(London Borough of)
Applications are invited from suitably qualified and experienced practising Catholic TEACHERS for the following post which will be vacant from January 1978:
ST. VINCENT'S R.C. PRIMARY SCHOOL
Waldegrave Road, Dagenham
(Roll 195; Group 4)
DEPUTY HEADSHIP. An interest in curriculum development would be an advantage.
The London Borough of Redbridge is a pleasant residential area in North-east London with easy access to the West End and the Essex countryside.
Help will be given in finding accommodation, with legal fees for house purchase, removal and resettlement expenses where appropriate. Outer London Allowance payable.
Application forms from and returnable to J. E. Fordham, B.A., Chief Education Officer, Education Office, 255-259 High Road, Ilford, Essex, IG1 1NN. Closing date: 15th July.

WILTSHIRE
MALMESBURY ST. JOSEPH'S R.C. AIDED SCHOOL
Holloway Hill, Malmesbury, Wilts.
(N.o.r. 110)
Group 3
Experienced Catholic TEACHER required from January, 1978, for the DEPUTY HEADSHIP of this school.
Application forms and further details (enclose stamped addressed envelope) available from and returnable to the Headmistress by the 8th July, 1977.

WOLVERHAMPTON
(BOROUGH COUNCIL)
EDUCATION COMMITTEE
Required for January, 1978 :
CASTLECROFT INFANTS' SCHOOL
DEPUTY HEAD
(Group 4)
CHRIST CHURCH C.E. JUNIOR SCHOOL
Tettenhall Wood
DEPUTY HEAD
(Group 4)
Application forms and further details available from the Director of Education, Education Offices, St. John's Square, Wolverhampton, WV2 4DB, to whom they should be returned within 10 days of this advertisement. (Stamped addressed envelope, please.)

Heads of Department

BRENT
(London Borough of)
OLDFIELD JUNIOR MIXED AND INFANTS' SCHOOL
Oldfield Road, N.W.10
(Roll 290)
Required from September or January:—
HEAD of Infants' Department (Scale 3) for this newly reorganized multi-ethnic Social Priority School. Successful Infant experience essential. The post offers interesting opportunities to the successful candidate.
Candidates should apply by letter to Mrs. P. Simons, Headmistress, Oldfield Infants' School, within seven days giving age, present post, qualifications, experience and referees.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.

DEVON
EXETER LADYSMITH FIRST (5-8 YEARS) SCHOOL
(Roll 500)
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER to be Head of Infant Department and to lead a team of eight teachers who work in the reception years of this large first school.
Scale 3 post.
The successful applicant will be expected to take up the appointment in January, 1978.
Application forms (stamped addressed envelope, please) from Headmaster, Ladysmith First School, Ladysmith Road, Exeter, returnable by 12th July 1977.

KIRKLEES
METROPOLITAN COUNCIL
PRIMARY DEPUTY HEADSHIPS
Applications are invited from suitably experienced Teachers for the Deputy Headship of the following newly established Group 4 Infants School, both of which are situated at Dryclough Road, Crosland Moor, Huddersfield.
CROSLAND MOOR COUNTY INFANT SCHOOL
MOOR CROSS C.E. (C) INFANT SCHOOL
Application forms and further particulars (stamped addressed envelope, please) from the Director of Educational Services, Oldgate House, 2 Oldgate, Huddersfield HD1 6QW. Closing date for completed applications 8th July, 1977.

SANDWELL
(Metropolitan Borough of)
HEARWOOD PRIMARY SCHOOL
Required for January, 1978, or earlier if possible :—
HEAD of Infant Department —Scale 3 post.
Application forms available from, and returnable to, the Head Teacher, Hearwood Road, Smethwick, Warley, West Midlands. Closing date, 4th July, 1977.

Other Posts on Scale 2 and above

BARNET
(London Borough of)
Required for September, 1977 or as soon as possible :
BROOKLAND J.M. SCHOOL
Hill Top, London NW11 6EJ
Roll : 340
(1) CLASS TEACHER. Experienced musician, responsibility for organization of wide range of music activity. Scale 2.
(2) Experienced TEACHER for Upper Juniors ; responsibility for school library and bookshop. Scale 2.
Schemes for payment of removal expenses and separation allowances in approved cases.
Application forms (stamped addressed envelope) obtainable from "The Director of Educational Services, Town Hall, Friern Barnet, N11 3DL," to be returned to the Head Teacher immediately.

BRENT
(London Borough of)
BRIDGE JUNIOR MIXED SCHOOL
Bridge Road, NW10 9BX
(Roll : 345. Social Priority School)
Required in September:
An experienced CLASS TEACHER to be team leader responsible for pastoral care and curriculum development of Fourth year level. Interest in improving Home/School relationships would be an advantage though not essential. Scale 3 post available. Vacancy due to promotion.
Required in September: Two experienced CLASS TEACHERS, Scale 2, to be responsible for organising either MUSIC or PHYSICAL EDUCATION and GAMES at an appropriate Year Group level.
PARK LANE JUNIOR MIXED AND INFANTS SCHOOL
Park Lane, Wembley HA9 7RY
(Roll : 361)
Required in September: TEACHER for 3rd year Junior class to be responsible for Girls' Games throughout the Juniors. Swimming qualifications would be an advantage. Scale 2 available for suitable candidate.
Candidates for the above posts should apply by letter to the Head of the school within 7 days giving age, present post, qualifications, experience and referees.
OUR LADY OF LOURDES R.C. JUNIOR MIXED AND INFANTS' SCHOOL
Wesley Road, NW10 8PP
(Roll : 317, Group 5)
Required from September or January:
TEAM LEADER of the Junior Department, Scale 3, to be responsible to the Head for the co-ordination of the work of a team of teachers in a curriculum that combines a balance of traditional and modern teaching methods. The Managers wish to appoint an enthusiastic experienced teacher (preferably a Catholic) to this senior post. The school is expanding to 1½ Form Entry from September.
Application forms (stamped addressed envelope) obtainable from and returnable to the Headmaster of the school within 10 days.
For all the above posts London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees etc., travelling and lodging allowances.

BROMLEY
(London Borough of)
Subject to certain conditions, removal and storage expenses, disturbance allowances and grants towards legal expenses are payable to teaching staff appointed from outside the London Area.
OAKLANDS INFANTS' SCHOOL
Oaklands Lane, Biggin Hill, Westerham, Kent TN16 3NH
Required for September :
Experienced TEACHER for Scale 2 post to organize music throughout the school.
PICKHURST JUNIOR SCHOOL
Pickhurst Lane, West Wickham, Kent BR4 0HL
Required for September :
Experienced TEACHER for BOYS' PHYSICAL EDUCATION, GYMNASTICS and GAMES. Scale 2 post available for suitable candidate.
Application forms obtainable from the Chief Education Officer, Sunnymead, Bromley Lane, Chislehurst, Kent BR7 6LH, to whom they should be returned as soon as possible.

DEVON
BRAUNTON CAEN C.P. SCHOOL
(Roll 548)
ASSISTANT TEACHER (Scale 2) required September 1977 or January 1978 for Upper Juniors. Mathematics essential.
Application form (stamped addressed envelope foolscap required) from Head Teacher, returnable by 8th July, 1977.

DEVON
EXWICK FIRST (Five to eight years) SCHOOL
Exeter
(Roll 225)
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER for MATHEMATICS and ENVIRONMENTAL SCIENCE. Experience of open plan and team teaching an advantage. Scale 2 post. The successful applicant will be expected to take up the appointment in January, 1978.
Application forms (stamped addressed envelope, please) from Headmaster, Exwick Combined School, Exwick Road, Exeter, returnable by 8th July, 1977.

DEVON
EXWICK FIRST (Five to eight years) SCHOOL
Exeter
(Roll 225)
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER for MUSIC and DRAMA.
Experience of open plan and team teaching an advantage.
Scale 2 post. The successful applicant will be expected to take up the appointment in January, 1978.
Application forms (stamped addressed envelope, please) from Headmaster, Exwick Combined School, Exwick Road, Exeter, returnable by 8th July, 1977.

EAST SUSSEX
COUNTY COUNCIL
ELPHINSTONE COUNTY JUNIOR SCHOOL
Headmaster, Mr. R. W. Leggatt
Required September, 1977, or January, 1978, TEACHER in charge of Extra-curricular activities.
A college-leaver with relevant experience and of mature age could be suitable with a view to Scale 1 salary later; otherwise, experienced teacher could command Scale 2 on appointment.
Application forms (to be returned without delay) from the Area Education Officer, 20 Wellington Square, Hastings.

EAST SUSSEX
COUNTY COUNCIL
ELPHINSTONE COUNTY JUNIOR SCHOOL
Headmaster: Mr. R. W. Leggatt, M.Ed., L.C.P.
Required September 1977 or January 1978 TEACHER of ENVIRONMENTAL STUDIES; excellent facilities for Field Work. Ability to coach boys' major games desirable. Scale 2 post.
Application forms (to be returned without delay) from the Area Education Officer, 20 Wellington Square, Hastings.

HAMPSHIRE
CADNAM/ELLERY GRANGE JUNIOR SCHOOL
Wren Way, Prospect Estate, Farnborough.
Number on roll 407.
Required for September, 1977. Scale 2, TEACHER for GENERAL SUBJECTS—YEAR LEADER. Capability and responsibility for MUSIC.
Letter of application nominating two referees to Head Teacher with stamped addressed envelope for details.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from qualified TEACHERS for the following posts. GENERAL SUBJECTS in addition to any other qualifications. Unless otherwise stated, schools admit the full Infant and Junior age range and are County Schools.
Applications for specific posts should be submitted on Form T.1. to the Head Teacher of the address shown unless otherwise stated. General applications should be submitted to the Divisional Education Officers.

DARTFORD DIVISION
DIVISIONAL MUSIC/DIAL ADVISORY SERVICE
OLD PRIMARY SCHOOL
High Road, Wilmington, Dartford DA2 7DR
Experienced TEACHER required for children between 5 and 16 years with reading and allied difficulties.
Remedial and/or infant training or experience an advantage. Part peripatetic and centre based work. Car owner driver essential—mileage allowance up to 13.5p per mile. Scale 2. Fringe allowance.
Application forms (stamped addressed envelope) from Divisional Education Officer, Essex Road, Dartford.

Castle Point & Rochford Area
Rawreth C. of E. Primary School
Rawreth, Wickford (Roll 60) Group 2
HEAD
For this Junior Mixed and Infants' School with effect from January 1, 1978 :—
(Re-advertisement)
North West Essex Area
St. Andrew's C. of E. (Controlled) Junior School
Church Road, Hatfield Peverel, Chelmsford (Roll 211) Group 5
HEAD
For this Junior School with effect from January 1, 1978.
Previous applicants need *not* reapply as their applications will receive consideration.
Closing date for these posts : July 15, 1977.
Application forms and further details may be obtained from the County Education Officer, PO Box 47, Market Road, Chelmsford.
Essex County Council

PRIMARY
Scale 2 Posts continued

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
CENTRAL AREA
Required for September, 1977, or January, 1978:—
PERIPATETIC TEACHER OF VIOLIN
Applications are invited for the post of peripatetic teacher of the violin. An ability to offer some cello would be an advantage. A Scale 2 post is available to the successful candidate who would be based in Norwich. Opportunities exist to contribute towards the development of area orchestras.
Travelling and subsistence expenses will be paid in accordance with the County Council's Scale.
Application forms and further details from the Area Education Officer, Gladstone House, 28 St. Giles Street, Norwich NR2 1TQ.

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
CLENCHWARTON C.P. SCHOOL
(280 mixed)
Scale 2. Required for September or January, 1978. Lower Juniors, mixed ability, seven to nine years with responsibility for coordination of resources.
Not suitable for candidates seeking their first teaching appointments.
Further details may be obtained by sending a stamped, addressed foolscap envelope to the Area Education Officer, St. Margaret's House, King's Lynn, Norfolk.

NORTH YORKSHIRE
(County of)
Applications are invited from suitably experienced teachers for the following posts :—
SEDBURY C.E. SCHOOL
Assistant Upper Junior TEACHER —Scale 2 with responsibility for MUSIC.
LEYBURN COUNTY PRIMARY SCHOOL
Assistant Lower Junior TEACHER —Scale 2 with responsibility for MUSIC.
Send stamped addressed envelope for application form to County Education Officer, County Hall, Northallerton, to whom they should be returned within 14 days of this advertisement.
YORK AREA
SOUTH MILFORD COUNTY PRIMARY SCHOOL
South Milford, Leeds
Required for September if possible, TEACHER for Top Juniors who can offer PHYSICAL EDUCATION and Boys' Games. Help with Music would be an advantage. Scale 2 post available.
Application forms (stamped addressed envelope please) from the Area Education Office, Department A, 60 Piccadilly, York, YO1 1PY, to whom they should be returned within 10 days of the appearance of this advertisement.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The Borough is within easy access of Central London and bordered by Epping Forest. London Addition to salary paid.
Required for September 1977 or as soon as possible.
BEAUMONT PRIMARY SCHOOL
Burchell Road, London E10 5AZ
Headmistress: Mrs S. D. Hutchinson
EDUCATIONAL VISITOR, Scale 2.
A qualified NURSERY/INFANT TEACHER, with a minimum of 5 years' teaching experience, is required for September 1977 or as soon as possible.
The Education Visitor will be based upon Beaumont Primary School and will be required to work with pre-school aged children and their parents in the home and in school. An ability to establish close liaison with the Nursery (2 less and other agencies dealing with the under fives is essential. The work is established.
Application forms obtainable from (enclose stamped addressed envelope) and returnable to the Chief Education Officer, Municipal Offices, High Road, Leyton, E10 5QJ.
Closing date: 8th July, 1977.

WOLVERHAMPTON
(BOROUGH COUNCIL)
EDUCATION COMMITTEE
Required for January, 1978 :
GOLDTHORN PARK J. & I. SCHOOL
(Scale 2)
Infants TEAM LEADER with additional responsibility for ART, CRAFT and DISPLAY.
Application forms available from the Director of Education, Education Offices, St. John's Square, Wolverhampton, WV2 4BH, to whom they should be returned within 10 days of this advertisement. (Stamped addressed envelope, please.)

Scale 1 Posts

BARKING
(London Borough of)
ST. JOSEPH'S R.C. PRIMARY SCHOOL
(Roll 250)
Gascoigne Road, Barking
Required for September, 1977 :— Qualified class TEACHER for Junior age children and boys' games. Scale 1.
London Addition £402 per annum.
Reimbursement of removal expenses in approved cases.
Application form available (stamped addressed envelope) from the Chief Education Officer, Town Hall, Barking, Essex, returnable by 7th July, 1977.

BARNET
(London Borough)
Required for September, 1977—
ST. JOHN'S C.E. J.M.I. SCHOOL
Crescent Road, Friern Barnet, N11 3LB
(Roll 268)
TEACHER for Upper Juniors. Experience with boys' games an advantage. Scale 1. Communicant of the Church of England preferred.
UNDERHILL INFANTS' SCHOOL
Mays Lane, Barnet, EN5 2LZ
(Roll 206)
TEACHER for Infants. Scale 1.
WOODCROFT J.M. SCHOOL
Goldbeaters Grove, Burnt Oak, Edgware HA8 0QF
(Roll 270)
TEACHER for Lower Junior Class (seven to nine years). Scale 1. Social Priority allowance payable.
Schemes for payment of removal expenses and separation allowances in approved cases.
Application forms (stamped addressed envelope) obtainable from The Director of Educational Services, Town Hall, Friern Barnet, N11 3DL, to be returned to the Head Teacher immediately.

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
ALL SAINTS V.A. LOWER SCHOOL
Clifton, Beds.
Required for September 1977, ASSISTANT TEACHER, Scale 1 to work within INFANT DEPARTMENT. Interest in working in a cooperative class situation. Applicants should be in sympathy with the aims and objectives of the Church of England.
Application form and further particulars obtainable from the Headmaster of the school. Stamped addressed envelope please.

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
WENLOCK C. OF E. JUNIOR SCHOOL
Hearnsfield Road, Luton, Beds.
Headmistress: Mrs. J. Sampsell
Required for September, 1977, two CLASS TEACHERS.
Applications are invited from experienced TEACHERS with an interest in curriculum development and co-operative teaching in mixed ability class. An ability to offer music and/or French an advantage. Possibility of Scale 2 post available for suitable candidate.
Application forms obtainable from the Southern Area Education Office, 55a Old Bedford Road, Luton LU2 7NY, to be returned to Mr. S. Summerson, Correspondent to the Managers, 67 Rosslyn Crescent, Luton (stamped addressed envelope, please).
Some assistance with accommodation may be possible.

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
WHITEHEAD V.C. LOWER SCHOOL
Anpol Lane, Houghton Regis, Dunstable, Bedfordshire
Headmistress, Mrs. M. Jours
Required for September, 1977; Scale 1 TEACHER interested in the eight to nine age group.
Application forms obtainable from and returnable to the Headmistress (stamped addressed envelope, please).

BEXLEY
(London Borough)
The Authority has a small number of vacancies for PRIMARY TRAINED TEACHERS from September, 1977. Ability to offer MUSIC or BOYS' GAMES would be an advantage.
L.A.A. £207. Assistance with removal expenses, legal fees and disturbance allowance can be considered.
Application forms available from, and returnable to, Chief Education Officer for Schools (T.E.S.), Town Hall, Crayford, Kent. A stamped addressed envelope (foolscap) should be sent with the request for an application form. If acknowledgement is required a further stamped addressed envelope should be enclosed. No further communication will be made unless applicants are called for interview.
Closing date for applications is 4th July.

BRENT
(London Borough of)
ST. ROBERT SOUTHWELL R.C. JUNIOR MIXED AND INFANTS' SCHOOL
Slough Lane, NW9 7YD
(Roll 265)
Required in September:
An enthusiastic and co-operative Catholic Infants' TEACHER interested in sound modern methods. Possibility of a Scale 2 post for experienced and well qualified candidate.
Application forms (stamped addressed envelope) available from and returnable to the Chairman of the Managers, at the school address, as soon as possible.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees etc., travelling and lodging allowances.

BUCKINGHAMSHIRE
BEACONSFIELD/CHILTERN DIVISION
ST. NICOLAS' C.E. COMBINED SCHOOL
Rectory Road, Taplow, Maidenhead, SL6 0ET.
Head, Mrs. H. Dreiher, M.A.
(Number on Roll: 182)
Required for September, 1977, male or female TEACHER to take BOYS' GAMES, WOODWORK, and teach in the upper Middle School. Music an advantage. London fringe area allowance of £150 p.a. in addition to Burnham Salary.
Removal expenses up to £350 payable in approved cases.
Apply by letter as soon as possible to the Headmistress at the school giving curriculum vitae and names of two referees.

CAMBRIDGESHIRE
CAMBRIDGE AREA
Applications are invited from experienced TEACHERS for the following Scale 1 posts vacant from September:
BOTTISHAM C.P. SCHOOL
(1) NURSERY TEACHER.
(2) FIRST YEAR JUNIORS.
HOMERTON NURSERY SCHOOL
Cambridge
Nursery trained TEACHER.
ROMSEY JUNIOR SCHOOL
Cambridge
THIRD YEAR JUNIORS.
ST. MATTHEW'S C.E. (A) SCHOOL
Cambridge
Nursery trained TEACHER.
HISTON AND IMPINGTON C.P. SCHOOL
Mixed First and Second Year Juniors. Music and/or Physical Education an advantage.
HISTON NURSERY SCHOOL
Nursery trained TEACHER.
Application forms from Senior Area Education Officer, Shire Hall, Cambridge, CB3 0AP (stamped addressed envelope, please) returnable as soon as possible.

CLWYD
COUNTY COUNCIL
PENYDURIN V.P. SCHOOL
Ponyanynvid
Qualified ASSISTANT TEACHER. (HELS) PHYSICAL EDUCATION and SWIMMING would be an advantage but not essential.
Application forms (in Welsh or English) may be obtained from the undersigned, to whom they should be returned by July 4.
John Howard Davies, Director of Education, Shire Hall, Mold.

CUMBRIA
EDUCATION COMMITTEE
WINDERMERE C.E. JUNIOR SCHOOL
(Aided, mixed, 7 to 11 roll 301)
Required for September, 1977, CLASS TEACHER with a special interest in MUSIC and able to play the piano competently. This post would suit an applicant seeking a first appointment.
Further details and application form available from C. D. Bishop, Esq., Assistant Director of Education, John Whinnerah Institute, Barrow in Furness, and returnable not later than July 8, 1977.

DEVON
CLYST ST. MARY COUNTY PRIMARY SCHOOL
(Roll 160)
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER prepared to teach Infants and Juniors and to take music throughout the school. Temporary appointment in the first instance.
Scale 1 post.
The successful applicant will be expected to take up the appointment in September, 1977.
Application forms (stamped addressed envelope, please) from Headmaster, The County Primary School, Clyst St. Mary, Exeter, returnable by 8th July, 1977.

DEVON
TORQUAY, ST. SAVIOUR'S & ALL SAINTS C. of E. (A.) PRIMARY SCHOOL
Barton Road
TEACHER, Scale 1, required January, 1978, for Reception Infants. Semi open-plan school built in 1976. Modern infant methods used, some team-teaching. Music an advantage. Communicant member of the Church of England preferred.
Application forms from Headmaster (stamped addressed envelope, foolscap) returnable by July 8, 1977.

EALING
(London Borough of)
EDUCATION SERVICE
ALLENBY FIRST SCHOOL
Allenby Road, Southall, Middlesex
Required from September 1977 : Part-time, experienced TEACHER for six sessions per week.
Application forms obtainable from the Headteacher at the school (stamped addressed envelope) to be returned as soon as possible.

EALING
(London Borough of)
EDUCATION SERVICE
BEACONSFIELD FIRST AND MIDDLE SCHOOL
Beaconsfield Road, Southall, Middlesex.
TEACHER required for September for three sessions per week in the Middle School.
Application forms (stamped addressed envelope) from Head Teacher to be returned as soon as possible.

HILLINGDON
(London Borough of)
SACRED HEART R.C. PRIMARY SCHOOL
Herlwyn Avenue, Ruislip HA4 6EZ
Required for September, 1977, TEACHER for RECEPTION CLASS.
(Scale 1.)
Applicant must be practising Catholic and must also be prepared to teach Music throughout the Infant Department.
Application by letter, with full details and the names of two referees, to the Head Teacher of the school. (Please enclose a stamped addressed envelope.)
London allowance payable.

KENT
LEYBOURNE C. of E. PRIMARY SCHOOL
Applications are invited for the post of RECEPTION TEACHER (Scale 1) at the above school. Communicant member of the C. of E. preferred.
Applications to the Chairman of the Managers (before July 1st, 1977), The Rectory, Leybourne, Maidstone, Kent.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from qualified TEACHERS for the following posts. GENERAL SUBJECTS in addition to any other qualifications mentioned. Unless otherwise stated, schools admit the full Infant and Junior age range and are County Schools.
Applications for specific posts should be submitted on Form T.1. to the Head Teacher at the address shown, unless otherwise stated. General applications should be submitted to the Divisional Education Officers.

TONBRIDGE & MALLING DIVISION
BURHAM COUNTY INFANTS SCHOOL
Burham, Rochester ME1 3SP
Required for September, 1977 — Experienced Teacher for small school with ability for physical education and music.
For application forms and further details apply via the Headmistress at the above school (stamped addressed envelope, please).
WEST MALLING C.E. PRIMARY SCHOOL
Old Cricket Ground, West Malling, Maidstone, Kent
Experienced TEACHER. Infant trained, offering music.
For further details and application form apply to the Headmaster of above address.
WOODLANDS COUNTY PRIMARY INFANTS' SCHOOL
Hunt Road, Tonbridge
Experienced INFANT TEACHER required for Autumn Term 1977. Ability to offer Music or Display work an advantage.
For further details and application form apply to Headmistress of above school.

MAIDSTONE DIVISION
NETTLESTEAD C.P. SCHOOL
Near Maidstone
Reception Class TEACHER for small rural school.
LENHAM C.P. SCHOOL
Near Maidstone
Required September, TEACHER for Juniors. Ability to organize Physical Education and Games. Scale 2 post available for suitable candidate.
YALDING C.E. PRIMARY SCHOOL
Near Maidstone
Required September : (1) TEACHER for Infant Reception Class.
(2) TEACHER of Middle/Top Infants (for one of these two posts applicants must be able to offer Music).
(3) TEACHER for Lower Juniors. An interest in Games would be an advantage.

TUNBRIDGE WELLS DIVISION
CLAREMONT C.P. SCHOOL
Banner Farm Road, Tunbridge Wells
TEACHER required September if possible but January may suit, to be responsible for FOOTBALL and take PHYSICAL EDUCATION/GYMNASTICS, Scale 1 or 2 according to experience.
Apply to the Headmaster giving full details, including main academic interests, and naming two professional referees. Enclose stamped addressed envelope, please.

LEICESTERSHIRE
LINDEN JUNIOR SCHOOL
Headland Road, Leicester
Scale 1
Required August. Games an advantage.
SHILTON MAGNA C.E. PRIMARY SCHOOL
Main Street, Sheepy Magna near Atherstone, Warwickshire
Scale 1
TEACHER for lower Juniors required August.
Further details from the Head. Apply immediately (no forms) with full particulars and the names and addresses of two referees (stamped addressed envelope).

LINCOLNSHIRE
ASSISTANT TEACHER
FISKERTON C.E. PRIMARY SCHOOL
Burnham Scale 1, £2,897 to £4,037
Required for September, 1977, Assistant Teacher for Lower Juniors (7 to 9 years) ability to undertake teaching of football, cricket and other games.
Application forms on receipt of stamped addressed envelope from the Headmistress of the School, Fiskerton, Lincoln to whom they should be returned by July 8, 1977.
SKEGNESS COUNTY JUNIOR SCHOOL
Brunswick Drive, Skegness PE25 1DU
(Group 6. Number on roll : 463)
TEACHER required for September, 1977, for lower Junior work. Scale 1. Stamped addressed envelope, to Headmaster for application form. Closing date July 4, 1977.
SKEGNESS SEATHORNE COUNTY PRIMARY SCHOOL
Count Alan Road, Skegness PE25 1HH
(Group 6. Number on Roll : 500)
From September 29, 1977, experienced INFANT TEACHER required for top infant class at this well-equipped post-war school set in pleasant surroundings. [illegible] for application form. Closing date July 4, 1977.
HUTTOFT COUNTY PRIMARY SCHOOL
Huttoft, Alford LN13 9RE
(Group 2. Number on Roll 66)
INFANT TEACHER required for September, 1977. Scale 1. Stamped addressed envelope to Headmaster for application form. Closing date July 4, 1977.
HORNCASTLE STANHOPE INFANTS' SCHOOL
Osul Alley Lane, Horncastle LN9 5EB
(Group 4. Number on Roll : 190)
INFANTS' TEACHER, Scale 1, required for September, 1977, in modern semi-open plan school situated in pleasant market town on the edge of the Wolds. Must be willing to teach across the infants' age range. Development of language, reading and writing skills essential, art and craft an advantage.
Stamped addressed envelope to Headmistress for application form. Closing date July 4, 1977.

NEWHAM
(London Borough of)
HOSPITAL—HOME TEACHING SERVICE
Required September 1977 :
Experienced Primary TEACHER required to work in Hospital wards and to undertake occasional Home Teaching. Scale 1.
Burnham Scales, plus London Allowance £402.
Details of the post and application forms can be obtained from the undersigned to whom they should be returned by 1st July, 1977.
J. S. Wilkie, M.A., Ph.D., Director of Education, Education Offices, Broadway, Stratford, London, E15 4BH.

NORTH YORKSHIRE
(County of)
SCARBOROUGH AREA
EDUCATION OFFICE
EAST AYTON COUNTY PRIMARY SCHOOL
Group 4 primary school, four miles from Scarborough.
Approximate number on roll 150.
Required for September 1977 Experienced TEACHER for OLDER JUNIORS
Scale 1 post.
Ability to offer MUSIC (traditional and creative, choral, and instrumental) essential.
Stamped addressed envelope for application form to Area Education Officer, Education Offices, Huntriss Row, Scarborough, to be returned there completed as soon as possible.

NORTH YORKSHIRE
(County of)
Applications are invited from suitably qualified teachers for the following posts :—
HARTON C.E. SCHOOL
(near Richmond)
Assistant Lower Junior TEACHER, Scale 1. An interest in Music desirable.
(New entrants welcome to apply.)
RICHMOND C.E. SCHOOL
Assistant Infant TEACHER, Scale 1.
SNAPE COUNTY SCHOOL
(near Bedale)
Assistant Infant TEACHER, Scale 1.
Send stamped addressed envelope for application form to County Education Officer, County Hall, Northallerton, to whom they should be returned within 14 days of this advertisement.

POWYS
COUNTY COUNCIL
EDUCATION DEPARTMENT
MAESYRHANDIR C.P. SCHOOL
Newtown
Required for 1st September, 1977, ASSISTANT TEACHER, infant trained; ability on the piano essential, Scale 1. (Ref. 62/N/77).
Application forms from the undersigned (stamped addressed envelope, foolscap please). Closing date 6th July, 1977.
Robert W. Bevan, Director of Education, Education Department, Powys County Hall, Llandrindod Wells, Powys.

REDBRIDGE
(London Borough of)
PRIMARY POSTS
The London Borough of Redbridge is a pleasant residential area in North-East London. Help will be given in finding accommodation, with legal fees for house purchase and removal and resettlement expenses where appropriate. Outer London allowance payable.
Applications are invited from suitably qualified practising Roman Catholic TEACHERS for the following post for January, 1978, or earlier if possible.
ST. AUGUSTINE'S R.C. PRIMARY SCHOOL
(Number on roll 320)
Cranbrook Road, Gants Hill, Ilford, Essex
Infant TEACHER. Ability to play the piano an advantage. Scale 1 or 2 post available.
Application forms available from J. E. Fordham, B.A., Chief Education Officer, London Borough of Redbridge, Education Office, 255-259 High Road, Ilford, Essex IG1 1NN, and returnable to the Headmaster, Mr. McGovern, at the school, by July 15th.

WILTSHIRE
PRINCECROFT C.P. SCHOOL
Warminster
Number on roll 167
Required for September, 1977, for one term an experienced TEACHER for an Infant class. An interest in co-operative teaching an advantage.
Application forms (stamped addressed envelope) from and to be returned to the Headmaster as soon as possible.

Middle School Education

Headships

WARWICKSHIRE
Re-Advertisement
SWINNERTON MIDDLE SCHOOL
Avenue Road, Nuneaton
Applications are invited from suitably qualified and experienced TEACHERS for the post of Head of this Group 7 School 1053 on roll, with effect from January, 1978.
On receipt of a stamped addressed envelope application form and further details may be obtained from the County Education Officer, 22, Northgate Street, Warwick, CV34 4SR, to whom completed forms should be returned by 8th July 1977.
Previous applications will remain under consideration.

County of Cleveland

PRIMARY SCHOOL

SCALE 2 POST

Junction Farm Primary School,
Butterfield Drive, Eaglescliffe, Stockton, Cleveland.

Required for January 1978, or as soon as possible, a suitably qualified and experienced teacher to be responsible for Music throughout the school.

Financial assistance with household removal expenses is available in approved cases.

Applications may be made by letter or on an application form obtainable from the Head Teacher at the address shown above. Applications by letter should include detailed information regarding education, training, qualifications and experience, together with the names and addresses of three referees.

Letters of application and completed application forms should be submitted direct to the Head Teacher within 14 days of the appearance of this advertisement.

Deputy Headships Senior Masters/Mistresses

EAST SUSSEX
COUNTY COUNCIL
(BRIGHTON AREA)
DERTFORD MIDDLE SCHOOL
Lynchet Close, Brighton BN1 7FP
Required January, 1978, or earlier if possible, DEPUTY HEAD of this Group 6 school.
Relocation grants scheme in approved cases.
Application forms and details obtainable from, and for return to, the Deputy Area Education Officer, Royal York Buildings, Old Steine, Brighton, BN1 1NP, by 8th July.

EAST SUSSEX
COUNTY COUNCIL
(BRIGHTON AREA)
QUEEN'S PARK MIDDLE SCHOOL
Freshfield Place, Brighton 4
Required January 1978: DEPUTY HEAD TEACHER of this new Group 4 school.
Relocation Grants Scheme in approved cases.
Application forms and further details available from the Deputy Area Education Officer, Royal York Buildings, Old Steine, Brighton BN1 1NP, for return so this office not later than 8th July.

HAMPSHIRE
COURT LANE MIDDLE SCHOOL
Hilary Avenue, Cosham,
Portsmouth PO6 2PP
Second MASTER / MISTRESS—Group 7.
Stamped addressed envelope to Head for details.
Closing date 6th July, 1977.

ISLE OF WIGHT
COUNTY COUNCIL
SANDHAM MIDDLE SCHOOL
Perowne Way, Sandown,
Isle of Wight
Age range nine to 13 years (464 on roll)
Required for January, 1978, DEPUTY HEAD TEACHER at this Group 6 Middle School. Primary or Middle School experience preferred.
Application forms and further details available from the Head Teacher, to whom they should be returned on or before July 8, 1977.

Remedial Posts

Heads of Department

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
WOODLANDS SCHOOL
Sleepingley Road, Flitwick
Number on roll: 606
Headmaster, A. Gandorton
HEAD OF DEPARTMENT—Scale 2 Required as from January, 1978, or earlier if possible, an experienced teacher for the post of Head of Remedial Department at this purpose built Middle School. Scale 2.
Application forms and further particulars from the Headmaster, Woodlands School, Sleepingley Road, Flitwick, Bedford MK45 1NP (stamped addressed envelope, please).

Other Posts on Scale 2 and above

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
ARNOLD MIDDLE SCHOOL
Hexton Road, Barton-le-Clay, Bedford, MK45 4JZ
Headmaster, Mr. A. J. Haigh
Required for September, 1977, CO-ORDINATOR of REMEDIAL WORK, Scale 2, to organize remedial provision, particularly in Mathematics and English. Remedial work covered by withdrawal programme.
Application forms obtainable from Headmaster (stamped addressed envelope, please).

Weald Middle School
Robin Hood Drive, Harrow Weald, Middx.
01-954 2733
Applications are invited for the
HEADSHIP
of this Group 6 Middle School (8-12 year olds) for appointment from January, 1978.
Housing accommodation may be available in suitable cases, reasonable removal expenses (lowest tender) lodging allowance of up to £10 per week and up to £600 towards Legal and Estate Agent fees may be payable.
Application forms from and to be returned to the head of the School by 4th July, 1977. (Please enclose stamped addressed envelope).
Harrow Education

MIDDLE continued

By Subject Classification

Art and Design

Other Posts on Scale 2 and above

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
LINCROFT MIDDLE SCHOOL
Oakley, Bedford
Headmaster: E. G. W. Dean, B.A.
(630 boys and girls)
Required for January, 1978, or earlier: TEACHER of ART (Scale 2). Applicants should be interested in cooperating with other members of the Design Department and should have experience in teaching Pottery.
Further information and application forms may be had from the Headmaster to whom they should be returned (stamped addressed envelope, please).

DEVON
EXWICK MIDDLE SCHOOL
(8 to 12 years)
Exeter
Roll: 218
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER for HISTORY and CREATIVE ART. Music an advantage. Scale 2 post. The successful applicant will be expected to take up the appointment in January, 1978.
Application forms (stamped addressed envelope, please) from Headmaster, Foxhayes Combined School, Gloucester Road, Exeter, returnable by July 6, 1977.

Scale 1 Posts

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
MARGARET BEAUFORT SCHOOL
Riseley, Beds
Required for September 1977: TEACHER of ART (with Pottery if possible). Scale 1. Possibility of some other teaching (please state interest or preference). This is a one-term appointment with the possibility of one further term.
Application form and further details available from the Headmaster at the school (stamped addressed envelope, please).

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
WOOTTON UPPER MIDDLE SCHOOL
Church Lane, Bedford
Required for September, 1977, TEACHER of ART/CRAFT to work in the junior (nine to 11) Design Area. Scale 1. Special interest in painting and pottery an asset.
Application form and further details available from the Headmaster at the school (stamped addressed envelope, please).

HEREFORD AND WORCESTER
COUNTY COUNCIL
EDUCATION DEPARTMENT
REDDITCH, ST. BEDE'S R.C. MIDDLE SCHOOL
Holloway Lane, Redditch, Worcs. B98 7HA
500 on roll 10-13
Applications are invited from suitably qualified TEACHERS for the post of Teacher in charge of ART throughout the school. Candidates should also be able to offer General Subjects and an especial interest in Pottery would be welcome. This post could be a Scale 2 for a suitably experienced candidate.
Further details and application forms are obtainable from the Clerk to the Governors at the School and should be returned to the Clerk to the Governors by 8th July, 1977.

Classics

Scale 1 Posts

SOMERSET
ALL HALLOWS
Cranmore Hall, Shepton Mallet
This independent, co-educational boarding and day school requires for September, 1977, a stimulating graduate TEACHER of GREEK and LATIN for pupils in the 10-14 age range. The post could be resident or non-resident. If resident, there would be no deduction from Scale 1 Burnham for board and lodging during term time.
Please apply in writing to the Headmaster, giving a contact telephone number and the names of two persons to whom reference may be made.

[illegible]

Education Department

Appointment of Headteacher

Big Wood (New) Comprehensive School
Top Valley, Nottingham

Qualified teachers are invited to apply for appointment as Head Teacher of the above School.
Number on roll: 760 (11-16). Salary Group 9
Vacant: January, 1978, for September, 1978.
Application forms and further details may be obtained by forwarding a stamped addressed foolscap envelope to the Director of Education, County Hall, West Bridgford, Nottingham, NG2 7QP.
Closing Date: 8th July, 1977.

Nottinghamshire County Council

Domestic Subjects

Scale 1 Posts

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
MARGARET BEAUFORT SCHOOL
Riseley, Beds
Required for September 1977: TEACHER of HOME ECONOMICS (Scale 1). Possibility of some teaching (please state interest or preference). Temporary for one year.
Application form and further details available from the Headmaster at the school (stamped addressed envelope, please).

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
PARK WOOD SCHOOL
Hawk Drive, Bedford
(9-13 Middle)
Required for September, 1977, TEACHER of NEEDLECRAFT. Scale 1.
Application forms obtainable from the Headmaster at the school. Stamped addressed envelope, please.

English

Heads of Department

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
LINCROFT MIDDLE SCHOOL
Oakley, Bedford
Headmaster: E. G. W. Dean, B.A.
(630 boys and girls)
Required for January, 1978, or earlier: HEAD of ENGLISH (Scale 3). This is a senior post. Applicants should have wide experience and a keen interest in the Library.
Further information and application forms may be had from the Headmaster to whom they should be returned (stamped, addressed envelope, please).

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
ST. BEDE'S R.C. MIDDLE SCHOOL
Bromham Road, Bedford
Required for September, 1977, a well qualified and experienced TEACHER to be HEAD of ENGLISH in this mixed Middle School. Scale 3 post available for suitable applicant.
The post involves organising English teaching throughout the school and responsibility for the library. Willingness to teach some Religious Education would be an advantage. Practising Roman Catholic essential.
Application form and further details obtainable from the Headmistress at the school.
Closing date: 1st July, 1977 (stamped addressed envelope, please).

Mathematics

Heads of Department

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
ARNOLD MIDDLE SCHOOL
Hexton Road, Barton-le-Clay, Bedford MK45 4JZ
Headmaster: Mr. A. J. Haigh
Required for September, 1977, HEAD of MATHEMATICS, Scale 3, to coordinate Mathematics throughout the school, 9-13 years. S.A.E. to Head.
Application forms obtainable from the Headmaster (Stamped addressed envelope, please.)

Other Posts on Scale 2 and above

STAFFORDSHIRE
EDUCATION COMMITTEE
BREWOOD MIDDLE SCHOOL
School Road, Brewood, Stafford
Required for September, 1977, or as soon as possible, TEACHER of MATHEMATICS (Scale 2). The teacher appointed will be required to organize and co-ordinate throughout the school, which opens in September, 1977, with the 10+ and 11+ intake of pupils.
Application forms obtainable from and returnable to the Headteacher (stamped addressed envelope).

Modern Languages

Heads of Department

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
ROBERT BRUCE MIDDLE SCHOOL
Hill Grounds, Kempston, Bedford
Roll 600 (nine to 13 years)
Headmaster: G. E. Tagg, B.A.
HEAD of FRENCH Department, Scale 3, required for September if possible or January. In this fully comprehensive Middle School.
The school, a former secondary modern with excellent accommodation and equipment, is on a delightful site on the outskirts of Bedford, has earned a reputation for high standards in work and behaviour.
Application form and further particulars obtainable from the Headmaster at the school (stamped addressed envelope, please).

Other Posts on Scale 2 and above

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
HUNSTANTON COUNTY MIDDLE SCHOOL
(311 mixed)
Scale 2—required for September, or January, 1978, General Class TEACHER, FRENCH an asset with interest in creative and expressive studies.
Not suitable for candidates seeking their first teaching appointments.
Further details may only be obtained by sending a stamped addressed foolscap envelope to the Area Education Officer, St. Margaret's House, King's Lynn.

NORTHAMPTONSHIRE
ST. MARY'S R.C. MIDDLE SCHOOL
Grange Road, Northampton NN3 2AX
Required for September
A TEACHER to be responsible for the organisation and teaching of FRENCH. Scale 2 post available for suitably experienced and qualified teacher.
Apply by letter in the first instance giving curriculum vitae and names and addresses of two referees, to the Headmaster at the School from whom further details may be obtained.

SUFFOLK
COUNTY COUNCIL
STOWMARKET MIDDLE SCHOOL
(Mixed comprehensive nine to 13: 570 on roll)
Required for January, 1978, on advisory TEACHER of FRENCH (Scale 2) with the experience, ability and enthusiasm to organize the development of this subject in school and foster links already established in France.
Further details and application forms obtainable (stamped addressed foolscap envelope, please) from the Headmaster, Stowmarket Middle School, Walnut Tree Walk, Stowmarket, Suffolk.

Scale 1 Posts

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
HENLOW V.C. MIDDLE SCHOOL
Church Lane, Henlow, Beds
Required for September, 1977, TEACHER, Scale 1, to accept joint responsibility for the development of basic skills within a year group together with specialist teaching in FRENCH. Specialism and integration in the curriculum are valued at this school. An enthusiasm for a cooperative teaching approach is preferred. The Head Teacher is quite prepared to answer individual inquiries and will supply further information for this post.
Application form available from the Headmaster at the school. Stamped addressed envelope, please.

DUDLEY
(Metropolitan Borough)
CRADLEY MIDDLE SCHOOL
Homer Hill, Halesowen,
West Midlands B63 2UP
(9-13, 670 on roll)
Required for September, 1977: TEACHER of FRENCH
Apply by letter to the Headmaster immediately giving qualifications and experience.

EALING
(London Borough)
EDUCATION SERVICE
HOWE MANOR MIDDLE SCHOOL
Haymore Crescent, Kingshill Avenue, Northolt, Middlesex UB5 6NW
TEACHER required for four mornings per week to teach FRENCH. A well established course exists in the school and opportunities are available for further development as required. There is a possibility that this post could become full time in due course.
Application forms (stamped addressed envelope) or from Head Teacher to be returned as soon as possible.

Music

Heads of Department

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
LINCROFT MIDDLE SCHOOL
Oakley, Bedford
Headmaster: E. G. W. Dean, B.A.
(630 boys and girls)
HEAD of MUSIC (Scale 3). Applicants are expected to keep Music as a lively and significant part of the school's activities. Experience in working with the school's orchestras is needed.
Further information and application forms may be had from the Headmaster to whom they should be returned (stamped addressed envelope, please).

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
PARKFIELDS MIDDLE SCHOOL
Park Road, Toddington, Bedfordshire
Headmaster: Mr. D. A. Calcott
Required from September, 1977, an able, enthusiastic TEACHER to take charge of a thriving MUSIC Department—Scale 2.
Strong tradition of Brass playing, Instrumental and Choral work in school. First appointments considered on Scale 1.
Application forms available from and returnable to the Headmaster (stamped addressed envelope please).

Other Posts on Scale 2 and above

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
BURGOYNE MIDDLE SCHOOL
Mill Lane, Potton, Beds
Required for September 1977 because of increased numbers, at this new purpose-built Middle School for pupils aged 10 to 13 years, TEACHER of GENERAL SUBJECTS with special responsibility for MUSIC throughout the school. Scale 2 for suitably qualified and experienced candidate.
Application form and further particulars available from the Headmistress at the school (stamped addressed envelope, please).

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
STREETFIELD MIDDLE SCHOOL
Dunstable Road, Caddington, Luton
Headmaster, Mr. A. H. Roberts
Required for September, 1977, TEACHER to organise and develop MUSIC throughout the school. This is a new purpose-built nine to 13 Middle School which opened in September, 1976.
Applicants must be able to undertake some General Subject teaching. A Scale 2 post may be available for a suitably experienced candidate.
Applications obtainable from and returnable to the Headmaster (stamped addressed envelope please).

Scale 1 Posts

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
WOODSIDE MIDDLE SCHOOL
Church Lane, Bedford
Required for September, 1977, TEACHER, Scale 1, to teach MUSIC throughout the school and able to work with the school band, orchestra and choirs.
Application form and further details available from the Headmaster at the school. Stamped addressed envelope please.

BRADFORD (City of)
METROPOLITAN COUNCIL
LIDGET GREEN MIDDLE SCHOOL
MUSIC
Required for September, a TEACHER able to accept responsibility for MUSIC throughout the school and teach General Subjects to children aged 9-10 years. Applications from College candidates will be welcomed.
Salary Scale One.
Application forms should be obtained from the Staffing and Training Unit, Directorate of Educational Services, 4th Floor, Provincial House, Tyrrel Street, Bradford BD1 1NP and returned to the Headteacher, Lidget Green Middle School, Cemetery Road, Bradford BD7 2HY, by 8th July 1977. Reference ET. 24077/TES.

Pastoral

Other Posts on Scale 2 and above

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
WOODLAND SCHOOL
Steppingley Road, Flitwick
Number on roll 600
Headmaster: A. Ganderton
HEAD OF YEAR—Scale 2
Required as from January, 1978, or earlier if possible, an experienced Teacher for the post of Head of Year at this purpose built Middle School. Initially for the 9-10 age group but the successful applicant would be expected to fulfil a similar role in other age groups should the necessity arise. Scale 2.
Application forms and further particulars from the Headmaster, Woodland School, Steppingley Road, Flitwick, Bedford MK45 1NP (stamped addressed envelope, please).

Physical Education

Other Posts on Scale 2 and above

EAST SUSSEX
COUNTY COUNCIL
(BRIGHTON AREA)
WOODINGDEAN MIDDLE SCHOOL
Warren Road, Woodingdean
Brighton BN2 6BB
Required September 1977/January 1978: TEACHER, Scale 2, able to offer GIRLS' PHYSICAL EDUCATION and games.
Relocation Grants Scheme in approved cases.
Application forms obtainable from the Deputy Area Education Officer, Royal York Buildings, Old Steine, Brighton, BN1 1NP, for return to the school by 4th July.

Scale 1 Posts

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
BURGOYNE MIDDLE SCHOOL
Mill Lane, Potton, Beds.
Required for September, 1977, because of increased numbers at this new purpose built Middle School for pupils aged 10-13 years, TEACHER for GENERAL SUBJECTS with a special qualification in BOYS PHYSICAL EDUCATION. Scale 1.
Application form and further details available from the Headmistress at the School. Stamped addressed envelope, please.

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
LINCROFT MIDDLE SCHOOL
Oakley, Bedford
Headmaster: E. G. W. Dean, B.A.
(630 boys and girls)
Required for September, 1977, a TEACHER of PHYSICAL EDUCATION (BOYS) with some GENERAL SUBJECTS (temporary post for 1977-78). Good games facilities are available.
Further information and application forms may be had from the Headmaster to whom they should be returned (stamped addressed envelope, please).

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
PARK WOOD SCHOOL
Hawk Drive, Bedford
(nine-13 Middle)
Required for September, 1977, TEACHER of BOYS PHYSICAL EDUCATION. Scale 1.
This is a temporary appointment for one year owing to the secondment of the present holder.
Application forms obtainable from the Headmaster at the School (stamped addressed envelope, please).

STAFFORDSHIRE
EDUCATION COMMITTEE
BREWOOD MIDDLE SCHOOL
School Road, Brewood, Stafford
Roll 420
Required for September, 1977, TEACHER for BOYS PHYSICAL EDUCATION and GAMES in a 9-13 age group. Ability to offer supplementary General Subjects essential.
Application forms obtainable from and returnable to the Headteacher (stamped addressed envelope).

Religious Education

Scale 1 Posts

HEREFORD AND WORCESTER
COUNTY COUNCIL
EDUCATION DEPARTMENT
REDDITCH, ST. BEDE'S R.C. MIDDLE SCHOOL
Holloway Lane, Redditch, Worcs. B98 7HA
500 on roll 10-13
Applications are invited from suitably qualified R.C. TEACHERS for the post of first year 10-year-olds class teacher for GENERAL SUBJECTS. An experience of remedial work and the ability to take some Geography in the upper age range would be useful.
Further details and application forms are obtainable from the Clerk to the Governors of the School and should be returned by 1st July, 1977.

Science

Other Posts on Scale 2 and above

MERTON
(London Borough of)
EDUCATION COMMITTEE
CHAUCER MIDDLE SCHOOL
Canterbury Road, Morden SM4 6PX
Headmaster: Mr. W. J. R. Price
(Age range, 9 to 13 years)
Required January, 1978, or earlier if possible a TEACHER to take charge of SCIENCE throughout the school. Scale 2 post available for suitably qualified and experienced applicant.
London Allowance £402. Legal expenses up to £300 and assistance towards removal expenses will all be considered where appropriate.
Application forms available from the Headmaster at the school, on receipt of a stamped addressed envelope, to whom the forms should be returned by July 6, 1977.

Scale 1 Posts

DORSET
LINGFIELD COMBINED SCHOOL
Longfleet Road, Poole
(430 on roll, 8 to 12)
Required September, 1977, or January, 1978, experienced TEACHER for the Middle School able to teach children eight to 12 plus. Scale 2 post for suitable candidate who would be responsible for Science (Schools Council 5-13 Science) and who is able to offer another specialism in the curriculum.
Assistance with removal and legal expenses.
Applications by letter with career details to the Headmaster (please enclose stamped addressed envelope).

Technical Studies

BRADFORD (City of)
METROPOLITAN COUNCIL
HIGHFIELD MIDDLE SCHOOL
(9-13 years)
Required for September 1977 a TEACHER of METALWORK with some WOODWORK and MATHEMATICS. A Social Priority allowance is payable.
Application forms may be obtained from the Staffing and Training Unit, Directorate of Educational Services, 4th Floor, Provincial House, Tyrrel Street, Bradford BD1 1NP, and should be returned to the Headteacher, Highfield Middle School, Spencer Street, Keighley BD21 2QQ, by 6th July 1977.
Reference ET 27077/TES.

Other than by Subject Classification

Scale 1 Posts

BARKING
(London Borough of)
BARKING ABBEY COMPREHENSIVE SCHOOL
(Roll 1,450: 110 in Sixth Form)
Sandringham Road, Barking
Required for September, 1977—MATHEMATICS, SCIENCE, to teach these subjects in the Lower School. Scale 1.
London Addition £402 p.a. Reimbursement of removal expenses in approved cases.
Application form available (stamped addressed envelope) from the Headteacher, returnable by July 7, 1977.

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
ALAMEDA MIDDLE SCHOOL
Station Road, Ampthill, Bedford
Required for September, 1977:
(1) TEACHER of GENERAL SUBJECTS for 9+ age group. Scale 1. Music essential.
(2) TEACHER of GENERAL SUBJECTS for 9+ age group with responsibility for organising remedial work throughout the school. Scale 2 for well qualified candidate.
Application form and further particulars available from the Headmaster at the School (stamped addressed envelope, please).

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
WESTFIELD MIDDLE SCHOOL
Chester Road, Bedford
Tel: Bedford 67363
TEACHERS required for the following posts for September, 1977:
(1) GENERAL SUBJECTS with MATHEMATICS. Scale 1.
(2) GENERAL SUBJECTS with SCIENCE. Scale 1.
(3) GENERAL SUBJECTS with NEEDLEWORK. Scale 1.
Application form and further details obtainable from the Headmaster at the school (stamped addressed envelope please).
Closing date July 1, 1977.

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
WOODSIDE MIDDLE SCHOOL
Church Lane, Bedford
Required for September, 1977, TEACHER for ENVIRONMENTAL STUDIES, Scale 1. Applicants should be interested in caring for animals, the school garden and teaching local studies.
Application form and further details available from the Headmaster at the school (stamped addressed envelope please).

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
BRANDRETH MIDDLE SCHOOL
Parkside Campus, Parkside Drive, Dunstable, Beds
Headmaster, Mr. J. P. Selby
Required for September, 1977, TEACHER for GENERAL SUBJECTS to work as part of a team with the fit plus age group. Ability to teach French, "En Avant Stage 2" essential. Scale 1.
Application forms obtainable from and returnable to the Headmaster (stamped addressed envelope, please).

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
BREWERS HILL MIDDLE SCHOOL
Aldbanks, Dunstable, Bedfordshire
Headmaster, Mr. C. T. Hale-Brown
Required for September, 1977, a CLASS TEACHER for the bottom age group in this well-equipped middle school, pupils 10-13. The person appointed will also be required to offer French, English or Humanities as a specialist subject in the other year groups. Scale 1.
Application forms obtainable from and returnable to the Headmaster (stamped addressed envelope, please).

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
STREETFIELD MIDDLE SCHOOL
Dunstable Road, Caddington, Luton, Beds.
Headmaster: Mr. A. H. Roberts
Required for September, 1977, GENERAL SUBJECTS TEACHER for this new purpose built nine-13 Middle School which opened in September, 1976.
Applicants must be able to offer assistance with middle school Physical Education and Games.
Application forms obtainable from and returnable to the Headmaster.

EALING
(London Borough)
EDUCATION SERVICE
DERWENTWATER MIDDLE SCHOOL
Shakespeare Road, Acton, W3 6SA
TEACHER required for September for 9 sessions per week to form part of the fourth year team in this progressive middle school. The successful applicant will be capable of working in close cooperation with the other members of the team and should be committed to the community school concept as defined by Midwinter.
Possibility of full-time appointment in future.
London Allowance and Social Priority payments.
Application forms (stamped addressed envelope) or S.T.A.P. from Head Teacher to be returned as soon as possible.

EALING
(London Borough)
EDUCATION SERVICE
GREENWOOD MIDDLE SCHOOL
Wood End Way, Northolt, Middlesex UB5 4QQ
ASSISTANT TEACHER required for September for nine sessions per week. A good understanding of teaching the basic skills essential. An interest in BOYS' PHYSICAL EDUCATION and GAMES would be an advantage.
Application forms (stamped addressed envelope) or S.T.A.P. from Head Teacher to be returned as soon as possible.
WOOD END MIDDLE SCHOOL
Wood End Way, Northolt, Middlesex UB5 4QQ
Required for September, a TEACHER for three sessions per week for general class teaching, or Remedial in Science.
Application forms (stamped addressed envelope) from Head Teacher, to be returned as soon as possible.

HEREFORD AND WORCESTER
COUNTY COUNCIL
EDUCATION DEPARTMENT
REDDITCH, BIRCHENSALE MIDDLE SCHOOL
Bridley Moor Road, Redditch, Worcs B97 6HT
Required for September, 1977, three ASSISTANT TEACHERS, Scale 1, for Second and Third Year teams. Candidates who can offer either MATHEMATICS or GEOGRAPHY would have a distinct advantage. If a candidate can offer a sound knowledge of Gymnastics and Games in addition to one of the above subjects, a Scale 2 post could be made available.
Application forms obtainable from and returnable to the Headmistress on receipt of a stamped addressed envelope (foolscap).

KIRKLEES
METROPOLITAN COUNCIL
SCISSETT MIDDLE SCHOOL
Busker Lane, Scissett, Huddersfield HD8 9JX
Required for one term only (from September 1st to December 31st, 1977) temporary TEACHER, Scale 1, for GENERAL SUBJECTS.
Application forms together with further details (stamped addressed envelope, please) available from the Headmaster to whom they should be returned by July 4th.

MERTON
(London Borough of)
EDUCATION COMMITTEE
MODERN FARM MIDDLE SCHOOL
Aragon Road, Morden SM4 4QU
Headmaster: Mr. K. A. Willis
(Age range: 9 to 13 years)
Required for the Autumn Term, 1977, a TEMPORARY TEACHER of SCIENCE and GENERAL SUBJECTS in this mixed middle school.
London Allowance £402.
Application forms available on receipt of a stamped addressed envelope from the Headmaster to whom they should be returned by July 8, 1977.

NORTHUMBERLAND
COUNTY COUNCIL
PONTELAND COUNTY MIDDLE SCHOOL
Callerton Lane, Ponteland, Newcastle-on-Tyne, NE20 9EY
TEACHER of WORKSHOP CRAFTS.
Required for 1st September or as soon as possible thereafter.
Up to 75 per cent removal expenses and lodging allowance in approved cases.
Application forms returnable by 8th July, obtainable by sending a foolscap stamped addressed envelope to the Head Teacher.

STAFFORDSHIRE
EDUCATION COMMITTEE
PENKRIDGE MIDDLE SCHOOL
(9-13)
Three TEACHERS are required to work in Second or Third Year teams at this purpose-built middle school, opening in September, 1977, with 10 plus and 11 plus intakes.
Applicants should apply by letter giving specialist teaching interests, full curriculum vitae and names and addresses of two referees to the Head Teacher, care of Princefield [illegible] Road, Penkridge [illegible]

Secondary Education

Headships

LIVERPOOL
ST. MARGARET CLITHEROW R.C. SECONDARY SCHOOL (GIRLS)
Required for September 1977 or as soon as possible thereafter: HEADTEACHER. Group 8. Number on roll: 483 pupils.
Application forms obtainable from (stamped addressed envelope) Director of Education, 14 Sir Thomas Street, Liverpool L1 6BJ, and returnable to the Rev. Dean Mangan, St. Clare's Presbytery, Aigburth Road, Liverpool, 17, not later than 4th July, 1977. Previous applicants will be automatically considered.
Please quote Reference P & M 101-6.

SUFFOLK
COUNTY COUNCIL
Applications are invited from suitably qualified and experienced TEACHERS for the following posts:—
HEADMASTER/HEADMISTRESS
STOWUPLAND HIGH SCHOOL
(new school to open in September, 1978)
(Group 10: age range 13 to 18 years)
Application forms and further details obtainable from the County Education Officer, Education Office, Grimwade Street, Ipswich (stamped, addressed envelope, please), to be returned by 1st July, 1977.

Deputy Headships Senior Masters/ Mistresses

BARNET
(London Borough)
GRANGE HILL JUNIOR HIGH SCHOOL
Hamonte Close, Edgware, Middlesex
01-958 4641
(Co-educational: Comprehensive: 11 to 14; roll 570)
Required January, 1978, or earlier if possible, DEPUTY HEAD TEACHER (Group 8), PASTORAL responsibility for boys.
Schemes for payment of removal expenses and separation allowances in approved cases.
Full particulars and application forms from the Director of Educational Services, Friern Barnet, N.11 (stamped addressed envelope). Closing date for application, 30th June.

ESSEX
PASSMORES COMPREHENSIVE
(Roll 1,200) Group 11
Tendring Road, Harlow, CM18 6RW
Tel.: 0279 37324
DEPUTY HEAD
Required for January, 1978. Due to promotion of the present Deputy to a Headship there is an outstanding opportunity for a forward looking senior member of the profession. The Deputy's role covers all aspects of school life and applicants should have a comprehensive background and a real sympathy and understanding of the needs of both pupils and teachers in the comprehensive school.
Applicants must be prepared to teach within the school's Social Education Programme regardless of their subject specialism.
Application forms and further particulars may be obtained from the Head of the School to whom completed applications forms should be returned.

ESSEX
THE BOSWELLS SCHOOL
(Roll 1,360)
Burnham Road, Springfield, Chelmsford
Tel.: Chelmsford 64401
FIRST DEPUTY HEAD
Group 11 Scale. Talented well qualified TEACHERS invited to apply for appointment to this important post in January, 1978. Eight-form entry school with fine facilities in favourable environment. Sixth Form 120. Outstanding opportunity for able administrator with firm principles and keen to extend the school's achievement in work and other fields. Present occupant of post taking up a Headship.
Closing date: 1st July.

BOUNT HILL SCHOOL
(Roll 1,300)
First Avenue, Harlow
Tel.: Harlow 21134
SECOND DEPUTY HEAD
(Group 12)
Required for January, 1978, for this well established 11-18 secondary school. Candidates from the full ability range and 130 in Sixth Form: duties to include Curriculum, Organisation and oversight of boys' welfare.
Application forms and further particulars may be obtained from the Head at the School to whom completed applications forms should be returned.

HUMBERSIDE
EDUCATION COMMITTEE
SCUNTHORPE DIVISION
HODDINOTT COMPREHENSIVE SCHOOL
Enderby Road, Scunthorpe
Headmaster, T. Ellis
(Number on roll 1,260)
Required for January, 1978, DEPUTY HEAD (L.W.G.) of this mixed 11 to 18 Comprehensive School.
Application forms and further details may be obtained from the Headmaster and completed forms should be returned to the Divisional Education Officer, Civic Centre, Scunthorpe, South Humberside, by 12th July, 1977.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
ALDERMAN DERBYSHIRE COMPREHENSIVE SCHOOL
Hucknall Lane, Bulwell, Nottingham NG6 8AQ
Headmaster:
E. R. Tarrant, M.Ed.
Mixed 1,200
For September, DEPUTY HEAD TEACHER (Group 11). Further details including job specification obtainable on receipt of stamped addressed envelope.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

STAFFORDSHIRE
EDUCATION COMMITTEE
CARDINAL GRIFFIN COMPREHENSIVE SCHOOL
Stafford Road, Cannock, WS11 2AW
(Roll 770)
First DEPUTY HEAD (Group 9) is required for January, 1978, in this 11-18 Catholic Comprehensive School serving the south-central parishes of this area of the county. The first comprehensive school intake is in its fifth year. The person appointed should be a practising Catholic able to make a significant contribution in the next period of the school's development. He/she will be expected to assume the post of Director of Studies and a number of administrative duties including the responsibility for Options and Internal Examinations. The vacancy arises through the promotion of the present Deputy to the Headship of a Catholic School.
Application forms (available from the school) should be returned to the Clerk to the Governors at the School.

SUFFOLK
COUNTY COUNCIL
ALDEBURGH C.P. SCHOOL
(125 pupils; five to nine years)
Headmaster, Mr. D. Jolly
Applications from suitably qualified and experienced TEACHERS are invited for the following post vacant from January, 1978:
DEPUTY HEADMASTER/MISTRESS, Group 4. Successful candidate to be responsible for MUSIC teaching throughout the school.
Application forms and further details available (stamped addressed envelope) from the Headmaster, Aldeburgh C.P. School, Park Road, Aldeburgh, IP15 5FU, to whom completed forms should be returned by 8th July, 1977.

SUTTON
(London Borough of)
STANLEY PARK HIGH SCHOOL
Stanley Park Road, Carshalton
Group 8
SECOND MASTER/MISTRESS
Applications are invited for the post of Second Master/Mistress of this four-form entry High School with approximately 635 boys and girls aged 11 to 18 on roll. Vacancy due to promotion.
Further particulars and application form from Director of Education, The Grove, Carshalton, Surrey, SM5 3AL (stamped addressed envelope please). Closing date 7 July, 1977.

WILTSHIRE
HARDENHUISH SCHOOL
Chippenham
DIRECTOR of STUDIES (Scale 4) required for January, 1978, at this mixed 11 to 18 comprehensive school in a pleasant north Wiltshire market town. Applicants should be well qualified teachers with a capacity for meticulous administrative work and an interest in curriculum development and evaluation. The ability to teach Chemistry at 'A' levels would be a considerable advantage.
Application forms and further details from the Headmaster, Hardenhuish School, Hardenhuish Lane, Chippenham, Wiltshire, SN14 6RJ, on receipt of a stamped addressed envelope.
Closing date July 4th, 1977.

BISHOPSHALT SCHOOL,
Royal Lane, Hillingdon, Uxbridge, Middlesex UB8 3RF
(Number on Roll 882—178 in Sixth Form)
Headteacher: Dr. L. Bather, B.A., Ph.D.
Required for January, 1978,

DEPUTY HEAD TEACHER

at this existing Grammar School due to be reorganised as a Comprehensive (Group XI). In September, 1977, at which time the School will admit its first all-ability intake. The duties will include particular responsibility for the day to day running of the School, for standards of discipline and behaviour, as well as a general involvement in policy and planning.

Application forms and further particulars from and returnable to the Director of Education, Civic Centre, Uxbridge. Closing date 15 July, 1977.

London Allowance payable.

LONDON BOROUGH OF HILLINGDON

75 per cent removal expenses and some assistance with accommodation in appropriate cases.

Remedial Posts

Heads of Department

NEWHAM
(London Borough of)
CUMBERLAND SCHOOL
Prince Regent Lane, London E13 8SJ
Roll: 1,306
Headmaster: Mr. J. A. McDonald, M.A.
Required September 1977 or as soon as possible thereafter:
HEAD of REMEDIAL EDUCATION, Scale 3.
A well qualified and experienced TEACHER is required to organise remedial teaching throughout the school, working closely with all departments. Pupils with reading and learning difficulties are withdrawn from other lessons and are taught in small groups.
Burnham Scales plus London Allowance £402, plus Social Priority Allowance £201 or £276.
Application forms may be obtained from the undersigned to whom they should be returned by 8th July, 1977.
J. S. Wilkie, M.A., Ph.D., Director of Education, Education Offices, Broadway, Stratford, London E15 4BH.

Other Posts on Scale 2 and above

CAMBRIDGESHIRE
CAMBRIDGE AREA
MELBOURN VILLAGE COLLEGE
Required for September:
HEAD of GENERAL STUDIES (Newsom) Department, Scale 2, for this 11-16, 820 pupil Comprehensive School.
Details and application forms (stamped addressed envelope) from the Warden, The Village College, Melbourn, Royston, Herts.

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
ADVISORY REMEDIAL TEACHER
Scale 3
Applications are invited from experienced teachers for the above post. The person appointed would be based at King's Lynn to cover a section of the Western Education Area.
Candidates should have appropriate success in overcoming learning difficulties. Ability to advise teachers on remedial methods and materials will be a valuable asset.
Application forms and further details are obtainable only by sending a stamped addressed foolscap envelope to the Area Education Officer, Education Office, St. Margaret's House, King's Lynn, to whom completed forms should be returned by the 21st July, 1977.

OXFORD
COUNTY COUNCIL
THE CHERWELL SCHOOL
Marston Ferry Road
Oxford, OX2 7EL
(Roll 6001)
Required for September or January in this six-form entry Upper School (age range 13 to 19): a versatile TEACHER to be responsible for REMEDIAL WORK and assist with BOYS' PHYSICAL EDUCATION. A Scale post (2 or 3) is available for an experienced candidate, but applications welcome for a Scale 1 post from newly qualified teachers.
Apply as soon as possible by letter to the Headmaster giving full curriculum vitae and nominating two educational referees.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The Borough is within easy access of Central London and bordered by Epping Forest. London addition to salary payable.
Required as soon as possible,
MARKHOUSE CENTRE
Markhouse Road, London, E.17
TEAM LEADER (Scale 3 Post)
Qualified successful TEACHER required to lead a team of 3 other teachers in this newly opened Centre run jointly by Education Department (School Psychological Service) and Social Services Department. Work with small groups of children (aged 10+) to implement the preventative philosophy underlying the Children's and Young Persons' Act 1969, that is young potential offenders and others. Remedial experience desirable but not essential. Inter-disciplinary consultation on school and family problems.
Closing date July 8, 1977.
Application forms obtainable on receipt of a stamped addressed envelope, from the Chief Education Officer, London Borough of Waltham Forest, Municipal Offices, High Road, Leyton, London E10 5QJ.

Scale 1 Posts

BARNET
(London Borough of)
ASHMOLE SCHOOL
Cecil Road, Southgate, N.14
01-368 2608
(Co-educational, Comprehensive, Roll 1,010, Sixth form 140)
Required September 1977, TEACHER for REMEDIAL WORK in ENGLISH with small classes or individual pupil. A teacher with some sympathy for and insight into the problems of the less able is wanted to join this well-established department. Scale 1.
Schemes for payment of removal expenses and separation allowances in approved cases.
Application forms and further particulars from Headmaster, to whom forms should be returned (stamped addressed envelope).
Director of Educational Services.

BEXLEY
(London Borough)
ERITH SCHOOL
Avenue Road, Erith
Tel. No.: Erith 32274
Roll 1,684, mixed
TEACHER required to join the REMEDIAL DEPARTMENT from September, 1977. The Remedial Room is established as a self-contained unit, staff of specialist teachers and very well equipped.
L.A.A., £207. Assistance with removal expenses, legal fees and disturbance allowance can be considered.
Application forms available from and returnable to Chief Education Officer for Schools (T7), Town Hall, Crayford, Kent. A stamped addressed envelope (foolscap) should be sent with the request for an application form. If acknowledgement is required a further stamped addressed envelope should be enclosed. No further communication will be made unless applicants are called for interview.

DEVON
SOUTHWAY SCHOOL
Rockfield Avenue, Southway, Plymouth
(Comprehensive, co-educational, 1,700 on roll)
(1) Required for September a TEACHER for REMEDIAL ENGLISH, HISTORY, MATHEMATICS and GEOGRAPHY. First and second year mainly. Scale 1.
(2) Required for September, 1977, a TEACHER, Scale 1, for the REMEDIAL Department. First and second year mainly.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

HERTFORDSHIRE
SIR JAMES ALTHAM SCHOOL
Little Oxhey Lane, South Oxhey
Roll: 730 mixed all ability
Required September:
Temporary Relief TEACHER for REMEDIAL WORK—possibility of extended contract.
Apply by letter to the Headmaster, with curriculum vitae and naming two referees.

HUMBERSIDE
EDUCATION COMMITTEE
SCUNTHORPE DIVISION
BAYSGARTH SCHOOL
Barrow Road, Barton-on-Humber
Headmaster: H. R. Smithson
Required for 31st August, 1977, TEACHER for REMEDIAL DEPARTMENT. Scale 1.
Application forms may be obtained from the Headmaster and should be returned by 4th July, 1977.

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
COSTESSEY SECONDARY SCHOOL
Richmond Road, Costessey, Norwich
(Roll 840)
Required for September, 1977
REMEDIAL Scale 1
For application forms and details please apply to the Head Teacher at the school enclosing a stamped self addressed foolscap envelope. If an acknowledgement of the completed application form is required then this must be accompanied by a further self addressed stamped envelope.

REDBRIDGE
(London Borough of)
HAINAULT HIGH SCHOOL
Harbourer Road, Hainault, Ilford IG6 3TN
Telephone No.: 500 4966
Headteacher: Mr. J. T. Weathery, M.Ed., Dip.Th.
Suitably qualified TEACHER of REMEDIAL EDUCATION (Scale 1) required for September, 1977, in this mixed 11-18 comprehensive school with a well organised Remedial Education Department. A willingness to help with clubs and societies would be an asset.
Outer London Allowance in operation.
Further details and application forms available from the Headmaster, to be returned as soon as possible.

SUTTON
(London Borough of)
STANLEY PARK HIGH SCHOOL
Stanley Park Road,
Carshalton, Surrey, SM5 3HP
(Co-educational; Roll 650; small developing Sixth Form)
REMEDIAL
A TEACHER OF MATHEMATICS required for September, 1977. Applicants should have an interest in the teaching of the subject to pupils of below average ability and should be prepared to work mainly with small groups of pupils requiring special help. Above Scale 1 for suitably qualified and experienced candidate.
Applications in the first instance by letter to the Headmaster. Removal expenses and London Weighting 1977.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The Borough is within easy access of Central London and bordered by Epping Forest. London addition to salary payable.
Required as soon as possible,
MARKHOUSE CENTRE
Markhouse Road, London, E.17
TEACHER
Qualified successful TEACHER required to work in this newly opened Centre run jointly by Education Department (School Psychological Service) and Social Services Department. Work with small groups of children (aged 10+) to implement the preventative philosophy underlying the Children's and Young Persons' Act 1969, that is young potential offenders and others. Remedial experience desirable but not essential. Inter-disciplinary consultation on school and family problems.
Application forms obtainable, on receipt of a stamped addressed envelope, from the Chief Education Officer, London Borough of Waltham Forest, Municipal Offices, High Road, Leyton, London E10 5QJ.

By Subject Classification

Art and Design

Heads of Department

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
TUNBRIDGE WELLS DIVISION
BENNETT MEMORIAL DIOCESAN C. of E. GIRLS' SCHOOL
Culverden Down, Tunbridge Wells
(840 pupils of all abilities)
Required for September if possible, HEAD of ART DEPARTMENT, Scale 5. C.S.E., "O" and "A" level courses. 3 Art Studios, 2 and 3 dimensional work including ceramics.
Apply in writing to the Headmistress, giving full curriculum vitae and naming two professional referees.

SHROPSHIRE
EDUCATION COMMITTEE
JOHN HUNT SCHOOL
Trench
HEAD of ART (Scale 3). Team of three; well equipped rooms; Foundation course, options.
Housing assistance.
Apply by letter with curriculum vitae (two referees) to the Headmaster, Gibbons Road, Trench, Telford.

Other Posts on Scale 2 and above

BRENT
(London Borough of)
NEASDEN HIGH (MIXED) SCHOOL
Quainton Street, N.W.10.
Required for September,
CAREERS TEACHER (Scale 3). An ART TEACHER who could offer some POTTERY would have an advantage.
For further information see under Secondary Education, Careers, Scale 2 posts.

DORSET

WESTHAM COUNTY SECONDARY SCHOOL, WEYMOUTH (1130—Mixed)

Required from January 1978

HEADTEACHER

(Group II)

Assistance with removal and incidental expenses.

For application form (to be returned by 8 July) and further details send stamped addressed envelope to Staffing Officer, Education Department, County Hall, Dorchester, Dorset DT1 1XJ.

CAMBRIDGESHIRE

Impington Village College

The Post of

Warden

of this Village College becomes vacant on 1st January, 1978, on the retirement of the present Warden.
The Village College provides a Community Centre for the surrounding area, as well as a Comprehensive School for pupils aged 11-18. The Warden, in addition to having responsibilities as Head of the School, will be in charge of Community activities within the College, a responsibility recognised by an allowance of £1,248 a year at present.

The School (Burnham Group 11) is in pleasant rural surroundings 5 miles North of Cambridge.

Further details and forms of application may be obtained from the Senior Area Education Officer, Shire Hall, Cambridge, CB3 0AP (S.A.E.) to whom they should be returned by 4th July, 1977.

EAST SUSSEX

UCKFIELD SCHOOL

Required for January, 1978:—

HEAD

for this Group 10 Mixed Comprehensive School for pupils aged 11-18.

Application forms and details from the Chief Education Officer, P.O. Box 4, County Hall, Lewes, on receipt of a foolscap self-addressed envelope. Closing date 15th July.

HAMPSHIRE

ALTON COLLEGE
Odiham Road, Alton.
(Post 5th Year Mixed)
PRINCIPAL/DESIGNATE
required 10th April, 1978.
New appointment for 6th Form College scheduled to be opened September, 1978. Group 10.

EGGAR'S SCHOOL
London Road, Alton.
11-16 Comp. Mixed.
HEADTEACHER
required for this Group 10 School, 1st January, 1978.

Application forms and particulars obtained from Area Education Office, Southgate House, St. Swithin Street, Winchester (foolscap s.a.e. please) returned by 8th July, 1977.

SECONDARY
Art and Design continued

Scale 1 Posts

AVON COUNTY
THE CASTLE SCHOOL
Peck Road, Thornbury BS12 1HT
(1,700 Mixed, 11 to 18 Comprehensive)
Required September, 1977 — A TEACHER capable of teaching ART to "A" level, and, if possible, some Junior Music teaching.
Letters of application to Headmaster immediately with full details of qualifications and experience. Two referees should be named and a stamped, addressed envelope enclosed.

BERKSHIRE
THE BULMERSHE SCHOOL
Chequers Way, Woodley, Reading
For September, a TEACHER for 3-dimensional studies. A temporary appointment in the first instance due to secondment. We are seeking a tutor capable of working in WOOD and/or METAL and allied materials, who will join a young and enthusiastic staff of fourteen tutors in the Design Centre and have every opportunity to contribute to curriculum development in this area. The experience gained will undoubtedly be invaluable for future career prospects.
Forms, etc., from the Headmaster. Please quote WSA 577. Closing date 4 July, 1977.

BERKSHIRE
THE EMMBROOK SCHOOL
Emmbrook Road, Wokingham
Required for September, a TEACHER of ART at this 6-7 form entry comprehensive school, roll 1,000 (Comprehensive years 1-4 from September). Courses followed to C.S.E. and G.C.E. "O" and "A" levels. Good facilities and wide range of aspects covered.
Please state any specialist subject within the total range of art.
Forms etc from the Headmaster quoting WSA617. Closing date 4 July 1977.

BUCKINGHAMSHIRE
BEACONSFIELD, CHILTERN DIVISION
BURNHAM GRAMMAR SCHOOL
Burnham, Slough, SL1 7HG
Head, T. Saunders, M.A.
(Number on roll 587 mixed)
Required for September, 1977, a MASTER/MISTRESS to teach ARTS subjects to junior forms; any combination of Geography, History, English, Religious Education could prove acceptable. Someone able to offer games would be welcome. London fringe area allowance of £150 in addition to Burnham salary and removal expenses up to £450 payable in approved cases.
Apply by letter with names and addresses of two referees to the Headmaster, from whom further details can be obtained.

CROYDON
(London Borough of)
MONKS HILL HIGH SCHOOL
Farnborough Avenue
South Croydon, CR2 8HD
Telephone: 01-657 8938
Tenable: 1st September 1977
Versatile TEACHER of ART with Dip.A.D. or equivalent is required to teach up to C.S.E. level in a well established and highly successful Art Department of this 11 to 16 Comprehensive School of 1,270 boys and girls. The school, opened in 1970, has splendid facilities. It is hoped that the successful applicant will make a positive contribution to outside activities.
Salary: Burnham Scale 1 (TAP) with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from and returnable to the Head Teacher at the above address as soon as possible.

DEVON
PLYMPTON SECONDARY SCHOOL
Moorland Road, Plympton, Plymouth
Required September, 1977, a TEACHER of ART for younger pupils and First Year Integrated Studies in HUMANITIES. Scale 1.
TAVISTOCK SCHOOL
Crowndale Road, Tavistock, Devon
(Comprehensive, co-educational: 1,700 on roll)
MASTER or MISTRESS to join ART Department, teaching throughout age range, including "A" level and take over an established weaving section. Scale 1.
SOUTHWAY SCHOOL
Rockfield Avenue, Southway, Plymouth
(Comprehensive, co-educational: 1,700 on roll)
Required from September, a TEACHER for ART and CRAFT, HOME ECONOMICS and NEEDLEWORK. Scale 1. Creative and versatile person required to teach a combined timetable of these subjects.
For above three posts, application forms (stamped addressed envelope) from Headmaster, returnable to him within 14 days.

ESSEX
TYRRELLS SCHOOL
(Roll: 1,600)
Craylands, Basildon SS14 3RN
(Tel.: Basildon 25111)
ART
Required September: well-qualified POTTERY TEACHER for ART DEPARTMENT in this co-educational comprehensive school. Large department; suite of specialist rooms. London Fringe Allowance of £150 per annum payable.
Please apply to the school by letter, enclosing two stamped, addressed envelopes for acknowledgement of receipt and notification of result of application.

LOUGHTON COUNTY HIGH SCHOOL
(Roll: 680)
Alderton Hill, Loughton
Tel.: 01-508 1173
ART
Required for September, 1977, Part-time ART TEACHER, C.S.E. groups and possibility of Sixth Form work. Please state special subject interests. Closing date: 11th July, 1977.
Application forms and further particulars may be obtained from the Head of the school to whom completed application forms should be returned.

HAMPSHIRE
BAY HOUSE SCHOOL
Gomer Lane, Alverstoke, Gosport
Comprehensive mixed, 11 to 18. Number on Roll 1,800.
Required September
Scale 1 ART (particularly Pottery).
Details from Head (stamped addressed envelope please).

HAMPSHIRE
ROADSWOOD COMPREHENSIVE SCHOOL
Dibden Purlieu Near Southampton
Number on Roll: 875
Scale 1 ART SECOND in DEPARTMENT.
Application and curriculum vitae with stamped addressed envelope to Head.

HAVERING
(London Borough of)
EDUCATION DEPARTMENT
EDUCATION COMMITTEE
Broadstone Road, Hornchurch, Essex
(Roll 712: five-form entry Comprehensive situated in modern buildings on one site)
Required September 1977: MASTER or MISTRESS for ART and CRAFT to share the teaching of the subject throughout the school. A new, well-equipped open-plan design centre available. Work includes two/three-dimensional Design, Pottery, Textiles and Jewellery Making, etc. Newly qualified teachers welcome to apply.
There is a scheme for removal expenses.
Letters of application to the Head Teacher giving full curriculum vitae and quoting two referees.

HERTFORDSHIRE
COUNTY COUNCIL
NORTH HERTS DIVISION
HITCHIN SCHOOL
The Hale Way
Hitchin, Herts SG5 1XP
Tel.: Hitchin 50982-3
Co-educational; roll, 650; group 10 11 to 16 all ability
TEACHER of ART required for September. The department has been enlarged and re-equipped in recent years to provide good facilities for a very wide range of activities including photographic. Courses are well established for all levels of public examination.
Applicants should write to the Headmaster giving full personal and professional details and providing the names, status and addresses of two referees including present employer.

HOUNSLOW
(London Borough of)
EDUCATION COMMITTEE
EDUCATION DEPARTMENT
The Civic Centre, Lampton Road, Hounslow TW3 4DN
SYON SCHOOL FOR BOYS
London Road, Isleworth TW7 5AB
Headmaster: Mr G. C. J. Holding
(Number on roll 800, rising to 900, age range 11 to 18 years, comprehensive school)
Required for September 1977, A TEACHER of ART up to "O" level, to become a fourth member of the Art Team in a flourishing Department.
Applications are invited from experienced teachers or those seeking their first appointment.
London allowance £267 payable.
If you are seeking your first appointment please state, so that the appropriate form may be sent.
Closing date: Monday, 4th July, 1977.
The Education Committee has power to consider applications from experienced teachers for assistance towards removal, disturbance or separation expenses.
Letters of application in the first instance to the Head Teacher at the School, giving details of qualifications and names of two referees. (Stamped addressed envelope please.)

HUMBERSIDE
EDUCATION COMMITTEE
SCUNTHORPE DIVISION
BAYSGARTH SCHOOL
Barrow Road, Barton-on-Humber
Headmaster: R. N. Smithson
Required for 31st August, 1977, TEACHER of ART, Scale 1.
Application forms may be obtained from the Headmaster and should be returned by 4th July, 1977.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
DARTFORD GRAMMAR SCHOOL
(Founded 1576, 666 boys)
Required for September, either a part-time TEACHER of DESIGN/TECHNOLOGY (Woodwork and Metalwork) for one term, or a full-time TEACHER of DESIGN/TECHNOLOGY and ART for one term. The work in Art covers all age ranges, whilst that in Design Technology is for the first three years. (London Fringe Allowance.) The school has good access to London and the Kent coast by motorway.
Applications by letter, with a summary of qualifications and the names of two educational referees to the Headmaster, Dartford Grammar School, West Hill, Dartford, Kent, DA1 2HW.

MAIDSTONE DIVISION
ASTOR OF HEVER SCHOOL
Oakwood Road, Maidstone
(860 Mixed)
High School with Comprehensive Lower School, situated in the pleasant Oakwood Park Complex; new buildings with good facilities. C.S.E., Internal and G.C.E. "O" level examination courses.
Required September, 1977: TEACHER in ART and CRAFT Department (Art, Pottery, Light Crafts). An adaptable candidate is sought: one who will be able to teach at all levels throughout the school and be prepared to join a lively Art/Craft/Design team.
Initial applications, giving curriculum vitae and naming referees, to the Headmaster, from whom further details of the School are available on receipt of a stamped addressed envelope.
SWADELANDS SCHOOL
Lenham
(980 Mixed)
Rural setting, new buildings
TEACHER of POTTERY.
Apply to the Headmaster, naming two referees.
VINTERS BOYS' SCHOOL
Huntsman Lane, Maidstone
(830 on roll, comprehensive intake)
Required September 1977:
Graduate ART TEACHER to specialise in graphic and textile printing to "O" and "A" level standards in this school delightfully set in forty acres of woodland and playing fields. Facilities such as dark room with photographic equipment for the development of photo silkscreen printing and a vacuum bed are available.
Letters of application naming two referees to the Headmaster.

LEICESTERSHIRE
COUNTESTHORPE COLLEGE
Winchester Road, Countesthorpe, Leicester
In the Leicestershire Plan for the Organisation of Secondary Education
Upper 14-18. Roll 603
ART. Scale according to age and experience
Required August or as soon as possible, ART specialist with notable interest in Fabric work in Design area and also in work as Tutor responsible for Humanities work of a small group in an inter-disciplinary team.
Apply immediately (no forms) with full particulars and the names and addresses of two referees. (Stamped addressed envelope.) No further details.

LONDON, S.E.16
BACON'S C.E. COMPREHENSIVE SCHOOL
Deptford Road
ART
A part-time TEACHER (0.6) of ART is required for September in this six form-entry mixed comprehensive school. The school maintains high standards of behaviour and endeavour.
Apply to the Headmaster at the school in writing, giving full details and names of two referees.

LONDON
ST PAUL'S GIRLS' SCHOOL
Brook Green, Hammersmith, W6
Required from the beginning of the Autumn Term, September 7, for 18 teaching periods per week—to be spread over three or four days—a qualified GRADUATE to be responsible for the teaching of ART HISTORY at Advanced and Ordinary Level. Art History is offered at "A" level as a main subject (Associated Examining Board) and as a subsidiary subject (London Board). It is also offered as a subsidiary subject at "O" level (London Board).
Salary equivalent to Burnham (Scale 1 or higher).
Applications in writing to the High Mistress, giving a full curriculum vitae and the names and addresses of two referees.

LONDON, S.W.1
GREY COAT HOSPITAL
Greycoat Place, Westminster
Voluntary-aided Church of England School (750 girls)
Required for September, qualified ASSISTANT to share teaching of ART throughout the school to A.L. Candidates should have good specialist qualifications of graduate status. Opportunities for print-making, photography and etching, etc.
This School will be reorganised as a 5-form entry comprehensive, taking its first all-ability 1st year intake in September.
Apply by letter to the Headmistress enclosing curriculum vitae and names of two referees as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
THE TRINITY SCHOOL
Beechdale Road, Aspley, Nottingham NG8 3EZ
Headmaster: A. Murphy, B.A.
Mixed: 850 (11 to 18)
For September, TEACHER (Scale 1) to teach ART and to offer subsidiary subject for approximately half timetable—Religious Education an advantage.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

SHROPSHIRE
EDUCATION COMMITTEE
JOHN HUNT SCHOOL
Trench
Temporary ART POST. Full time for one term. Well equipped rooms. Foundation course and senior option groups.
Apply by letter with curriculum vitae (two referees) to the Headmaster, Gibbons Road, Trench, Telford.

STAFFORDSHIRE
EDUCATION COMMITTEE
HADLEY PARK COMPREHENSIVE SCHOOL
Burnhill Lane, Rugeley, WS15 2HZ
TEACHER of ART and CRAFT (Scale 1) required for September, 1977. Ideally a specialist in fabrics is sought.
Apply by letter to the Head Teacher at the school giving curriculum vitae and names of two referees.

WARWICKSHIRE
COLESHILL SCHOOL
Coventry Road, Coleshill
(1,170 on roll—mixed rural comprehensive)
Required September, TEACHER of ART, Scale 1 to specialise in teaching of Pottery. All is taught in purpose built Art/Craft block. Specialist Pottery room.
Apply direct to Head at the school enclosing curriculum vitae (stamped addressed envelope, please).

WARWICKSHIRE
NICHOLAS CHAMBERLAINE COMPREHENSIVE SCHOOL
Bulkington Road, Bedworth, Nuneaton
(1,563 on roll)
Required September, TEACHER of ART, Scale 1. Art Department requires specialist Potter who will concentrate his/her work in well equipped pottery studio. School teaches Art to "A" level and hopes shortly to establish pre-diploma foundation course.
Application form and details available from the Head (stamped addressed envelope, please).

WILTSHIRE
WESTWOOD ST. THOMAS' C.E. UPPER SCHOOL
(13-18)
Salisbury SP2 9HS
Telephone: Salisbury 23131
Headmaster: H. H. Hood, B.A., B.D.
Required for September qualified, enthusiastic TEACHER of ART. The post is temporary for one year but will probably be made permanent.
This school is the Upper School for the west of Salisbury and the Wilton area and has already developed courses to "O" level, C.S.E. and "A" level. The post would require a major commitment in Art but ability to teach either English or Religious Education or another subject would be an advantage. The school governors are looking for a person who will make a significant contribution to the development of Art in all its aspects in the whole ability range both within the curriculum and as an extra curricular activity. The school has good facilities.
Letters of application (no form) including the names and addresses of two referees to the Headmaster at the school. Telephone or write for further details before applying if preferred.

Careers

Heads of Department

BRENT
(London Borough of)
AYLESTONE HIGH (MIXED) SCHOOL
Aylestone Avenue, NW6 7AQ
(Roll 1,600, 11-18, 230 in Sixth Form, multi-racial, comprehensive, Social Priority School)
Headmaster: Brian Fairminer, B.A.
Required from September or January:
HEAD of CAREERS (Scale 4). Facilities include a Careers Suite with Lecture Rooms and Office. Applicants for this key position should be interested in work experience schemes.
Application forms (stamped addressed envelope) obtainable from the Director of Education, P.O. Box 1, Chesterfield House, 9 Park Lane, Wembley HA9 7RW, returnable to the Head of the School within 10 days.
London Allowance of £400 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.

Other Posts on Scale 2 and above

BRENT
(London Borough of)
NEASDEN HIGH (MIXED) SCHOOL
Quainton Street, N.W.10
(Six-form entry 11-18. Roll at present 650, 11-17. New school opened 1975: Stage 2 now being completed. Excellent facilities. The school has had good standards so far and hopes to maintain them as it grows to full size.)
Required in September:
CAREERS TEACHER (Scale 3). An ART SPECIALIST who could offer some POTTERY would have an advantage.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.
Candidates should apply by letter to the Head of the School within seven days giving age, present post, qualifications, experience and referees.

SANDWELL
(Metropolitan Borough of)
SMETHWICK HALL GIRLS' HIGH SCHOOL
(11-16 Comprehensive)
Required for January 1978 or earlier, if possible: a CAREERS TEACHER, Scale 3 post plus S.P.S. allowance.
To be responsible for the careers education of fourth and fifth year girls. A full teaching commitment is required, as well as liaison with the local Careers Office, Secondary Colleges, Industry and Commerce.
Application forms available from, and returnable to, the Head Teacher, Auckland Road, Smethwick, Warley, West Midlands. Closing date: 4th July, 1977.

Classics

Other Posts on Scale 2 and above

LONDON
URSULINE CONVENT HIGH SCHOOL
Ilford
(Roll 430 Direct Grant)
Required for September:—
CLASSICS GRADUATE to "O" and "A" level. Part time.
Salary according to qualifications and experience (London allowance).
Apply with curriculum vitae and names and addresses of two referees to Headmistress.

Scale 1 Posts

LONDON
SKINNERS' COMPANY'S SCHOOL FOR GIRLS
117 Stamford Hill, London N16 5RS
Telephone: 01-800 7411
Required in September for one term only, a full time qualified TEACHER for CLASSICAL STUDIES up to C.S.E. and if possible Latin "O" level in the Sixth Form.
Apply by letter to the Headmistress, giving full details of qualifications and experience, and the names of two referees.

LONDON SW1
GREY COAT HOSPITAL
Greycoat Place, Westminster
Voluntary Aided Church of England School (750 girls, 11 to 18 years)
Required for September, qualified GRADUATE to share the teaching of LATIN throughout the school to A.L. and University Entrance. Ability to offer ANCIENT HISTORY and/or GREEK and a willingness to participate in extra-curricular activities will be an advantage.
This grammar school reorganises in September by taking its first all-ability 1st year intake.
Apply by letter to the Headmistress, without delay, enclosing curriculum vitae and names of two referees.

NEWCASTLE upon Tyne
DAME ALLAN'S BOYS' SCHOOL
(Direct Grant, Independent: H.M.C.; 470 boys—135 Sixth Form)
Required for September 1977, well qualified GRADUATE to teach LATIN throughout the School to Open Scholarship level and to assist with either French or Greek. Willingness to help with General Studies, Scouts or Games an advantage.
Burnham salary scales: applications welcome from good honours graduates seeking first teaching appointment.
Applications, including curriculum vitae and names/addresses of two referees, should be sent immediately to the Head Master, Dame Allan's Boys' School, Fenham, Newcastle upon Tyne NE4 9YJ.

OXFORDSHIRE
COUNTY COUNCIL
BURFORD SCHOOL
Cheltenham Road, Burford, Oxfordshire, OX8 4PL
(Roll 1,400)
Required for September: TEACHER of LATIN for three hours weekly.
Applications by letter to the Headmaster at the school as soon as possible enclosing full details and naming two referees.

PLYMOUTH
PLYMOUTH COLLEGE
(Headmasters' Conference School)
Day and Boarding; 660 boys; Sixth Form 170)
Required for September: CLASSICS GRADUATE Specialist to teach throughout the school in a strong and successful department.
Living-in accommodation if required for single man.
Applications to the Headmaster, Plymouth College, Ford Park, Plymouth, PL4 6RN, with full details and the names of two referees.

ST. HELENS
EDUCATION COMMITTEE
SECONDARY SCHOOL
ST. ANSELM'S R.C. HIGH SCHOOL
(11-16 years)
Boardmans Lane, St. Helens, WA11 9BB
LATIN (Scale 1)—to teach to "O" level.
Application forms are available from the Head Teacher to whom they should be returned immediately.

Commercial Subjects

Other Posts on Scale 2 and above

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
BEECH HILL HIGH SCHOOL
Dunstable Road, Luton
Headmistress: Mrs. Y. Mitchell-Hawkes, B.Ed.
Required for September, 1977: Experienced TEACHER of COMMERCIAL SUBJECTS to take charge of Commercial Department of fourth and fifth year pupils, working towards C.S.E., R.S.A. and Pitman Examinations. Scale 2.
Application forms obtainable from and returnable to the Headmistress (stamped addressed envelope please).
Some assistance with accommodation may be possible.

HARINGEY
(Borough of)
HORNSEY SCHOOL FOR GIRLS
Inderwick Road, London N8
(1,430 pupils, 260 in the Sixth Form)
The school moved into new buildings in 1971.
Required for September:—
Well qualified TEACHER to assist with the teaching of SECRETARIAL SUBJECTS in the Sixth Form.
This is a well established course with excellent accommodation and facilities.
Scale 2 post available for suitably qualified and experienced candidate. Please state if interested in any particular school activities.
Please apply direct to the Headmistress at the school, quoting two referees.
Removal expenses, 100 per cent allowed. London allowance (£402) payable.
Chief Education Officer, Education Offices, Somerset Road, N17 9EH.

HILLINGDON
(London Borough of)
MELLOW LANE SCHOOL
Hewens Road, Hayes End, Middlesex UB4 8JP
(Number on Roll 1,021, 11 to 18; Sixth Form)
Head Teacher: G. D. Walters, J.P., B.Sc.
Required for September 1977 for one year temporary TEACHER of COMMERCIAL SUBJECTS.
Please apply by letter to the Head Teacher at the school giving full particulars and the names of two referees.
London Allowance Payable.

HUMBERSIDE
COUNTY COUNCIL
EDUCATION DEPARTMENT
KINGSTON UPON HULL DIVISION
ST. MARY'S HIGH SCHOOL
Fountains Lane, Hull
Head, Miss M. Deal, B.A.
Required for September, a TEACHER of COMMERCIAL SUBJECTS able to teach TYPING, OFFICE PRACTICE and COMMERCE in an expanding Business Studies Department. This is a R.C. comprehensive school for 800 girls aged 11-18 years.
Application forms available from the Head should be returned by July 11.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
DARTFORD DIVISION
SWANSCOMBE SCHOOL
Swanscombe Street, Swanscombe, DA10 0BQ
Qualified TEACHER required for COMMERCIAL SUBJECTS/TYPING. Scale 1. Fringe Allowance.
Applications by letter to the Headmaster with curriculum vitae and the names and addresses of two referees.
GRAVESHAM DIVISION
MEOPHAM SECONDARY SCHOOL
Meopham, Gravesend
Required for September, suitably qualified TEACHER of COMMERCE to C.S.E. and "O" level, including some Typewriting.
This 8-form entry mixed High School opened in pleasant rural surroundings in 1975. Comprehensive intake into Lower School.
Letters of application, naming two referees, and curriculum vitae should be sent to the Headmaster at the school. (Telephone Meopham [illegible])

Scale 1 Posts

BERKSHIRE
LITTLE HEATH COMPREHENSIVE SCHOOL
Little Heath Road, Tilehurst, Reading
For September:
A full-time TEACHER of SHORTHAND, TYPING and OFFICE PRACTICE, with COMMERCE and ECONOMICS available, to join an expanding Business Studies Department. Examinations are taken with R.S.A. and Pitman and also C.S.E. and G.C.E. Excellent facilities with three specialist rooms, including electric typewriters in operation.
Apply with details to the Headmaster, naming two referees (S.A.E.). Closing date 4th July, 1977.

BRENT
(London Borough of)
WILLESDEN HIGH (MIXED) SCHOOL
Doyle Gardens, NW10 3ST
(Roll 1,260, 11 to 18. Social Priority School)
Required in September:
TEACHER for TYPING (Scale 1) who could also offer some teaching in Careers. The Commerce Department is a thriving one with excellent facilities. Courses offered are in R.S.A., in Typing, Commerce, Shorthand and Accounts, but new courses beyond this are in preparation.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.
Candidates should apply by letter to the Head of the School within 7 days giving age, present post, qualifications, experience and referees.

BUCKINGHAMSHIRE
WYCOMBE DIVISION
WILLESHIRE [illegible] SCHOOL
[illegible], High Wycombe
Headmaster: [illegible], B.A.
(Roll 1,100 mixed, Sixth Form 200)
Required for September 1977, TEACHER of COMMERCE and TYPEWRITING for this long-established school on the outskirts of High Wycombe to teach the subjects to C.S.E. and "O" levels.
Removal expenses up to £150 and housing allowance pending removal are payable in approved cases.
Applications by letter to the Headmaster naming two referees.

DEVON
SOUTHWAY SCHOOL
Rockfield Avenue, Southway, Plymouth
(Comprehensive, co-educational, 1,700 on roll)
Required from September a TEACHER for COMMERCE to C.S.E. and "O" level, Typewriting, L.S.E. and R.S.A. examinations. Scale 1.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

HAMPSHIRE
GLEN EYRE SCHOOL
Violet Road, Southampton SO2 3GJ
(12-16 Mixed Comprehensive. Number on Roll 1,229)
Required for September or January, 1978, Scale 1 or 2, BUSINESS STUDIES.
Apply by letter to Head by July 1.

HARINGEY
(Borough of)
HORNSEY SCHOOL FOR GIRLS
Inderwick Road, London N8
(1,430 pupils, 260 in the Sixth Form)
The school moved into new buildings in 1971.
Required for September 1977—
Well qualified TEACHER to assist with the teaching of SECRETARIAL SUBJECTS in the Sixth Form.
Full or part-time considered.
This is a well established course with excellent accommodation and facilities.
Please apply direct to the Headmistress at the school, quoting two referees.
Removal expenses, 100 per cent allowed. London allowance (£402) payable.
Chief Education Officer, Education Offices, Somerset Road, N17 9EH.

HARINGEY
(Borough of)
THE WILLIAM FORSTER SCHOOL
Langham Road, London N15 3RB
Mixed Comprehensive School, 11 to 18. Number on Roll 1,350. Social Priority Allowance £201/£276.
Required for September, or as soon as possible thereafter, ASSISTANT TEACHER (Scale 1) for TYPING, SHORTHAND and BUSINESS STUDIES.
Readiness to join in building up a department essential.
Removal expenses, 100 per cent allowed. London Allowance (£402) (or S.P.A.P.) payable. Forms of application (stamped addressed envelope) available from the undersigned to be returned to Head of School as soon as possible.
Chief Education Officer, Education Offices, Somerset Road, N17 9EH.

LIVERPOOL
STANLEY PARK COMPREHENSIVE SCHOOL
(Girls)
Priory Road, Liverpool L4 2SL
Required for September ASSISTANT for COMMERCE, Scale 1.
Application forms obtainable (stamped addressed envelope) from and returnable to the Head Teacher at the school. Quote Reference P & M 3360.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified Teachers for the following post:
ASHFIELD COMPREHENSIVE SCHOOL
Sutton Road, Kirkby-in-Ashfield, Nottingham, NG17 8HP
Headmaster: R. J. Carter, B.A., J.P.
(2,300 mixed, 11 to 18)
For September TEACHER (Scale 1) of SECRETARIAL SKILLS, as third member of a department which is expanding to include Sixth Form work and has excellent facilities. Ability to teach some or all of Typewriting, Shorthand, Commerce, Accounts and Office Practice.
Applications (no forms) to the Headmaster, with names of two referees as soon as possible.

STAFFORDSHIRE
EDUCATION COMMITTEE
SHELFIELD HIGH SCHOOL
[illegible] Lane, Great Wyrley, Walsall
(Roll 1,013)
Required for September 1977, in this 13 to 18 High School, serving four local schools, a TEACHER of COMMERCIAL SUBJECTS. There will be opportunity for varied and senior work and the post is suitable for a first entrant.
Apply by letter to the Headmaster at the school.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The borough is within easy access of Central London and bordered by Epping Forest. London addition in salary payable.
Required for September, 1977—
WALTHAMSTOW SENIOR HIGH SCHOOL FOR GIRLS
Church Hill, London E17 9RZ
Head Teacher, Mrs. B. Drummond, B.A.
BUSINESS STUDIES TEACHER is required for this Girls' Comprehensive Senior High School (800 on roll, 14 to 18 years) to teach Typing to Stage III R.S.A., Office Practice to C.S.E. and Pitman 2,000 and Commerce O.L. C.S.E. Some Sixth Form teaching will be available. The Department is housed in a new block with excellent facilities.
Application forms obtainable from the Head Teacher on receipt of a stamped addressed envelope.

Domestic Subjects

Heads of Department

LEICESTERSHIRE
ST PAUL'S R.C. (AIDED) SCHOOL
Leicester
Comprehensive, 11-18, Roll est. approximately 960 (175 in sixth form)
HOME ECONOMICS HEAD OF DEPARTMENT
Scale 3-5 according to experience
Required August or as soon as possible. Cookery to "A" level.
St. Paul's is a five-form entry (11-18) school, formed from the amalgamation of the former Corpus Christi R.C. Mixed Secondary School and Elwells Road R.C. Grammar School for girls. It has a Sixth Form of 180 pupils at present, mainly girls, but this will gradually change to a mixed Sixth Form.
Apply (no forms) with full particulars and names and addresses of two referees to Mr. H. J. O'Donnell, B.A., Headmaster, [illegible] Road, Leicester.

SECONDARY
Domestic Subjects continued

LIVERPOOL
ST TERESA'S R.C. SECONDARY SCHOOL
(MIXED), S.P.
Sturrington Avenue, Liverpool L11 9AH
Required for September, 1977, HEAD OF DEPARTMENT, Scale 3 for DOMESTIC SCIENCE and NEEDLEWORK. Scale 3 post available to suitably qualified and experienced applicant.
Application forms obtainable from (stamped addressed envelope) and returnable to the Headteacher at the school. Please quote reference P & M 3369.

Other Posts on Scale 2 and above

BERKSHIRE
TREVELYAN COUNTY SECONDARY SCHOOL
Clarence Road, Windsor
Required for September, or as soon as possible thereafter:—
HEAD of HOME ECONOMICS preferably with an interest or experience in Middle School, for this secondary modern school, roll 676, mixed, entering the first stages of transition from modern to middle school in September.
Forms, etc. from the Headmaster (stamped addressed envelope). Closing date July 11, 1977.

BUCKINGHAMSHIRE
WYCOMBE DIVISION
THE PEMBROKE SCHOOL
Spring Lane, Flackwell Heath, Buckinghamshire
Headmaster, D. B. H. Jones, B.A. (Roll 880 boys and girls)
Required for September, full-time, enthusiastic and competent TEACHER of HOME ECONOMICS to teach mostly cookery (with some Needlework) in this well-equipped and modern department. Both subjects are taught to all ages and abilities, up to, and including C.S.E. and "O" level. Scale 2 post may be available according to experience and ability, but new entrant to the profession willingly considered.
Removal expenses up to £150 and housing allowance pending removal are payable in approved cases.
Apply by letter to the Headmaster (stamped addressed envelope please).

CROYDON
(London Borough of)
LADY EDRIDGE HIGH SCHOOL FOR GIRLS
Clifton Road, London, S.E.25
Tel.: 01-771 1551
Tenable: 1st September, 1977:
Required, a TEACHER of HOME ECONOMICS for one year.
This appointment is during the secondment of the Head of the Department and could be an opportunity for an experienced teacher moving into the area, although the post would not be as Acting Head of Department. A post of Scale 2 is available and a permanent post may become vacant.
Salary—Burnham Scale 2 with London Area Allowance.
Please send stamped addressed envelope for application form from and returnable to the Head Teacher at the above address as soon as possible.

CUMBRIA
EDUCATION COMMITTEE
JOHN RUSKIN HIGH SCHOOL
Coniston
County, 11 to 16 mixed
(Roll 360)
HEAD of DOMESTIC SCIENCE, Scale 2, required with responsibility also for welfare of girls. Ability to teach some other subject essential.
Application forms from the Headmaster, J. Dawson Esq. (stamped addressed envelope), to whom they should be returned by 8 July, 1977.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
MANVERS PIERREPONT COMPREHENSIVE SCHOOL
Carlton Road, Nottingham NG3 2NR
(Mixed, 1,180)
Headmaster: C. N. Craig, O.L., NDD
For September or January:—
Experienced TEACHER (Scale 2) to take CHARGE of NEEDLEWORK within the HOME ECONOMICS DEPARTMENT.
Applications (no forms) to the Headmaster with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
THE HARRY CARLTON COMPREHENSIVE SCHOOL
Lantern Lane, East Leake, Loughborough, Leics LE12 6QN
Headmaster: P. D. Chambers, B.Sc.
Mixed: 800 (11-18).
For September, HOME ECONOMICS SPECIALIST (Scale 2) to act as Integrated Studies Tutor and adviser in Home Economics for Lower School (11-13) and to teach Home Economics to examination standard in Upper School.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
WORKSOP PORTLAND COMPREHENSIVE SCHOOL
Sparken Hill, Worksop, Notts S80 1AW
Headmaster: J. A. Ridley, M.A.
Mixed, 1,130 (11-18).
For September or January:—
Experienced TEACHER (Scale 2) with responsibility for Needlework within the Home Economics Department, C.S.E. and G.C.E.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

SANDWELL
(Metropolitan Borough of)
MENZIES HIGH SCHOOL
(11 to 18 Mixed Comprehensive)
Required for January, 1978, or earlier if possible—
Experienced TEACHER of HOME ECONOMICS NEEDLEWORK/CHILD CARE as second in Department—Scale 2 post.
The Home Economics and Needlework Departments are well equipped and both subjects are taught to C.S.E., "O" and "A" level. Child Care is taught to C.S.E. only.
Letters of application, together with the names and addresses of two referees, should be forwarded as soon as possible to the Head Teacher, Clarkes Lane, West Bromwich, West Midlands.

Scale 1 Posts

AVON COUNTY
ST. GEORGE SCHOOL
Russell Town Avenue
Bristol BS5 9JG
Co-educational Comprehensive
2,000 pupils
Required for September, TEACHER of HOME ECONOMICS to teach Years 1 to 3 in a Lower School on a separate site. Scale 1 plus S.P.A. Good facilities available.
Apply to Headmaster by letter giving details of experience and names of two referees.
Preference will be given to candidates within the County of Avon.

BERKSHIRE
THE BULMERSHE SCHOOL
Chequers Way, Woodley, Reading
For September, a TEACHER of HOME ECONOMICS. This post is based in the Food and Fabric Section of the Design Centre and includes oversight of the C.S.E. Mode III Design for Living Course. The facilities are of a high standard and it is anticipated that the successful candidate will teach across the ability range in all years to C.S.E. "O" level.
The Design Centre is situated on the same campus as the College of Higher Education and within easy distance of the University and College of Technology and provides a good environment for development of professional skills.
Applicants with enthusiasm, imagination and an interest in education generally are sought.
Forms, etc., from the Headmaster (stamped addressed envelope), Quote WSA577.
Closing date 4th July, 1977.

BEXLEY
(London Borough)
ERITH SCHOOL
Avenue Road, Erith
Telephone Erith 32974
(Roll 1984, mixed)
NEEDLEWORK TEACHER required for September, 1977. Subject taught throughout the School to C.S.E. and "A" level examination.
London Area Allowance £207. Assistance with removal expenses, legal fees and disturbance allowance can be considered.
Application forms available from and returnable to: Chief Education Officer for Schools (17), Town Hall, Crayford, Kent. A stamped addressed foolscap envelope should be sent with the request for an application form. If acknowledgment is required a further stamped addressed envelope should be enclosed. No further communication will be made unless applicants are called for interview.

BRENT
(London Borough of)
JOHN KELLY GIRLS' HIGH SCHOOL
Crest Road, London NW2 7SN
(Roll: 1,000 11-18, 200 in Sixth Form, Social Priority School)
Required in September or earlier for this comprehensive school:
TEACHER for HOME ECONOMICS, specialising in Cookery and Housecraft, to teach up to C.S.E. and "O" level in a successful department; for preparing students to "A" level. Good modern facilities, Scale 1.
NEASDEN HIGH (MIXED) SCHOOL
Quainton Street, London N.W.10
(Sixth Form Entry 11-18. Roll at present 650, 11-17)
New school opened 1975: Stage 2 now being completed. Excellent facilities. The school has had good standards so far and hopes to maintain them as it grows to full size.
Required in September:
HOME ECONOMICS TEACHER (Scale 1), should be able to offer a second subject.
For the above posts:
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees etc., travelling and lodging allowances.
WEMBLEY HIGH (MIXED) SCHOOL
East Lane, Wembley HA0 3NT
(Roll: 1,000, 11-18)
Required for September:
Part-time TEACHER (Scale 1) of HOME ECONOMICS. Examination work available. The post includes assisting with NEEDLEWORK. London Allowance of £402 per annum is payable.
For all the above posts: Candidates should apply by letter to the Head of the School within seven days giving age, present post, qualifications, experience and referees.

CHESHIRE
EDUCATION COMMITTEE
CREWE EDUCATION CENTRE
Hall Avenue, Crewe
Telephone: Crewe 56000
Required for September, 1977, a qualified TEACHER of HOME ECONOMICS to work in a well-established Department catering for boys and girls from secondary schools in the town.
There are two well-equipped rooms and one is designed and furnished for a broad and integrated approach to the subject. An enthusiastic teacher is looked for, whose interest lies in this approach and who will also share responsibility for C.S.E. courses.
Telephone for application forms, which should be returned to the Principal at the Centre by 11th July, 1977.
CREWE AND NANTWICH DIVISION
SHAVINGTON SCHOOL
Rope Lane, Shavington, Nr Crewe
TEACHER of NEEDLEWORK required from September, 1977.
Application forms and further details are available from the Head. Closing date: July 4th, 1977.

CROYDON
(London Borough of)
LANFRANC HIGH SCHOOL
Mitcham Road, Croydon CR0 3AS
Tel. 01-689 1255
Tenable: 1st September 1977
A TEACHER to join the HOME ECONOMICS DEPARTMENT in this 11-18 Mixed Comprehensive School. Department includes Child Development and Needlework. Excellent facilities. Flat/house on site.
Salary: Burnham Scale 1 (TAP) with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from and returnable to the Head Teacher at the above address as soon as possible.

CUMBRIA
EDUCATION COMMITTEE
ST. JOSEPH'S SCHOOL
Workington
(Comprehensive, 11 to 18 roll 620)
Required for September, 1977, a TEACHER of HOME ECONOMICS principally NEEDLEWORK (Scale 1) for this school catering for the Roman Catholic children of Workington, Maryport and Cockermouth.
Letters of application within 10 days of this advertisement to the Headmaster, St. Joseph's School, Harrington Road, Workington.

DEVON
SOUTHWAY SCHOOL
Rockfield Avenue, Southway, Plymouth
(Comprehensive, co-educational 1,700 on roll)
Required from September, a TEACHER for ART and CRAFT, HOME ECONOMICS and NEEDLEWORK. Scale 1. Creative and versatile person required to teach a combined timetable of those subjects.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

DUDLEY
(Metropolitan Borough)
LEASOWES HIGH SCHOOL AND COMMUNITY COLLEGE
Kent Road, Halesowen, West Midlands B62 8PJ
(13 to 18 co-educational comprehensive, 800 on roll)
Required for September, 1977, TEACHER of HOME ECONOMICS.
Apply by letter to the Headmaster immediately giving qualifications and experience.

HAMPSHIRE
DANEMARK SCHOOL
Romsey Road, Winchester
11-16 Comprehensive Girls, 860 on roll.
PART-TIME (19/40) HOME ECONOMICS/PARENTCRAFT.
Curriculum vitae, two referees and stamped addressed envelope to Head.

HERTFORDSHIRE
COUNTY COUNCIL
EAST HERTS DIVISION
CHESHUNT SCHOOL
Windmill Lane, Cheshunt EN8 9AT
(1900 mixed: 120 taking "A" level: 11 to 18 all-ability)
HOME ECONOMICS TEACHER required September, full-time or nearly full-time. Lively person with ideas, specialising in Needlework, to teach to "O" level. Needlework taught to boys and girls in Lower School. Well-equipped department; recently adapted rooms. London outer fringe allowance.
Please apply Headmaster (no forms) with curriculum vitae, naming two referees and stating extra-curricular activities.

KNOWSLEY
(Metropolitan Borough of)
RUFFWOOD COMPREHENSIVE SCHOOL
Roughwood Drive, Northwood, Kirkby L33 8XT
(1,900 boys and girls, 150 in Sixth Form)
S.P.A. payable)
For September, 1977, HOME ECONOMICS, Scale 1. An interest in Child Care or in Textiles would be advantageous.
For further information send stamped addressed envelope to the Headmaster, to whom applications, giving details of age, qualifications and experience, together with the names of two referees, should be sent as soon as possible.

LONDON, E.1
SIR JOHN CASS'S FOUNDATION AND RED COAT CHURCH OF ENGLAND SECONDARY SCHOOL
Stepney Way, London, E1 0RH
(900 boys and girls—Comprehensive)
Headmaster: H. R. Borrell, B.Sc.(Econ.), F.C.P., F.R.S.A.
HOME ECONOMICS TEACHER, Scale 1 (temporary appointment for the Autumn Term, 1977, with the possibility of a permanency for a suitable applicant).
Well equipped department which is part of an integrated Home Studies Department.
Application form from Headmaster (01-790 6712).

LONDON, E7
ST. ANGELA'S COMPREHENSIVE HIGH SCHOOL
Forest Gate
(800-plus girls)
Required September, 1977, TEACHER of HOME ECONOMICS.
Apply in writing giving two referees to the Headmistress.

NEWHAM
(London Borough of)
CUMBERLAND SCHOOL
Prince Regent Lane
London, E13 8SG
(Roll 1,350)
Head Teacher Mr J. A. McDonald M.A.
Required September, 1977, ASSISTANT TEACHER of HOME ECONOMICS throughout the school. G.C.E. and C.S.E. courses are well established. Own well equipped room.
Burnham Scales plus London Allowance £402 plus Social Priority Allowance £201 or £276.
Application forms may be obtained from the Headteacher (Tel.: 01-511 0251) to whom they should be returned by July 8, 1977.

NORTH TYNESIDE
(Metropolitan Borough of)
EDUCATION COMMITTEE
LONGBENTON HIGH SCHOOL
Hailsham Avenue, Longbenton, Newcastle upon Tyne NE12 8ER
Headmaster: Mr P. D. Wells, M.A.
Required for September 1, 1977, Scale 1, TEACHER of CREATIVE NEEDLEWORK and FASHION to Advanced Level with ability to share basic level Art teaching within the Faculty of Creative Art at this 13 to 18 mixed fully comprehensive School of 1,000 pupils (160 in Sixth Form).
Application forms are available on receipt of a stamped addressed envelope from the Headmaster to whom they should be returned within 10 days of the appearance of this advertisement.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified Teachers for the following post:
FAIRHAM COMPREHENSIVE SCHOOL
Farnborough Road
Clifton Estate
Nottingham, NG11 9AE
(1,000 mixed; 11 to 18)
Headmaster:
M. C. Pass, B.A., M.A.
For September, a well qualified TEACHER of COOKERY and NEEDLEWORK (Scale 1).
For details telephone 0602 211131.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
SOUTH WOLDS COMPREHENSIVE SCHOOL
Church Drive, Keyworth, Nottingham NG12 5FF
(Mixed, 1,226, 11 to 18)
Headmaster, C. J. Cawthorn, BA, ARC
For September:—
TEACHER (Scale 1) to teach HOME ECONOMICS and NEEDLECRAFT throughout the School.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

SUTTON
(London Borough of)
ELMWOOD HIGH SCHOOL
London Road, Hackbridge, Surrey SM6 7EE
Required for September, 1977, a TEACHER of HOME ECONOMICS in this small mixed (11 to 16 years) school. Pupils are prepared for C.S.E. and G.C.E. "O" level examinations.
A post above Scale 1 is available for a suitably qualified and experienced candidate, but the vacancy also provides good prospects for first appointment candidate.
Applications to the Headmaster in the first instance.

Economics

Other Posts on Scale 2 and above

NEWHAM
(London Borough of)
BRAMPTON MANOR SCHOOL
Roman Road, London E6 3SQ
(Roll 1,450)
Headteacher, Mr D. R. A. Williams
Required September, 1977, TEACHER to be responsible for teaching ECONOMICS in fourth, fifth and sixth years of appropriate levels. Please state second subject offered. Scale 2 post for an experienced candidate, but applications from newly qualified teachers would be considered.
Burnham Scale plus London Allowance £402.
Application forms may be obtained from the undersigned to whom they should be returned by July 1, 1977.
J. G. Wilkie, M.A., Ph.D., Director of Education, Education Offices, Broadway, Stratford, London E15 4BH.

Scale 1 Posts

HOUNSLOW
(London Borough of)
EDUCATION COMMITTEE
EDUCATION DEPARTMENT
The Civic Centre, Lampton Road, Hounslow TW3 4DN
SYON SCHOOL FOR BOYS
London Road, Isleworth TW7 5AB
Headmaster: Mr G. C. J. Holding
Number on Roll: 800, rising to 900. Age range 11-18 years. Comprehensive School.
Required for September 1977:
A TEACHER for ECONOMICS up to "A" level
Applications are invited from experienced teachers or those seeking their first appointment.
London Allowance £267 payable.
If you are seeking your first appointment, please state, so that the appropriate form may be sent.
Closing date: Monday, 4th July, 1977.
The Education Committee has power to consider applications from experienced teachers for assistance towards removal, disturbance or separation expenses.
Letters of application in the first instance to the Head Teacher at the School, giving details of qualifications and names of two referees. (Stamped addressed envelope please.)

HUMBERSIDE
EDUCATION DEPARTMENT
EAST RIDING DIVISION
DRIFFIELD SCHOOL
Manorfield Road, Driffield
ECONOMICS, Scale 1.
Required for September, 1977, a TEACHER of ECONOMICS to teach the subject to "O" and "A" level. An ability to teach Business Studies or Sociology would be an advantage although other combinations of subjects can be considered.
Application forms are available from, and returnable to, the Headmaster at the school.
Closing date for applications July 4, 1977.

NEWHAM
(London Borough of)
LANGDON SCHOOL
Sussex Road, London E6 2QS
(Roll 1,950, coeducational)
Headteacher, Mr O. E. Hackman M.A.
Required September, 1977. TEACHER of ECONOMICS, Scale 1.
Economics is a strong feature of the senior school curriculum at "O" level and "A" level. An interest in one of the following, or a minority subject, would be a recommendation: British Government, Social Studies, Commerce.
Aids include ancillary staffing, audio-visual, video and reprographic facilities.
The school is a mixed comprehensive occupying modern buildings on a single 27 acre site with its own playing fields. Sixth form 180.
Burnham Scales plus London Allowance £402.
Full details and application forms are available from the Headteacher (Tel: 01-471 2411). Completed application forms should be returned to the school by July 8, 1977.

WEST MIDLANDS
SOLIHULL SCHOOL
(H.M.C., 920 boys, 30 Sixth-Form girls)
Wanted for September, GRADUATE to teach ECONOMICS to "A" level.
See under "Independent Schools—Economics".

English

Heads of Department

CROYDON
(London Borough of)
ASHBURTON HIGH SCHOOL
Shirley Road, Croydon CR9 7AL
Tel. 01-656 0282
Tenable January 1, 1978, or earlier if possible.
HEAD of ENGLISH Department required to co-ordinate work in English, Drama and compensatory education. This involves the deployment of a large number of staff and many resources. The successful candidate will fill a key role within the structure of the school and will be given every opportunity to develop his or her educational ideas, which should be clearly stated on the application forms.
Salary, Burnham Scale 4, with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from and returnable to the Head Teacher at the above address as soon as possible.

ESSEX
ST. BENEDICT'S R.C. COMPREHENSIVE
(Roll 450)
Norman Way, Colchester
Tel.: Colchester 49225
HEAD OF ENGLISH
Scale 4. Required for September, or earlier if possible. The post requires a well qualified experienced teacher with initiative and drive to co-ordinate the work of the Drama and Library specialist with additional responsibility for language development across the curriculum.
St. Benedict's is a developing four-form entry Catholic comprehensive school. The above post has been upgraded by our expansion.
The Governors will also be looking for a willingness to play a vital role in the life and activities of this Catholic School.
Application forms and further particulars may be obtained from the Head of the School to whom completed application forms should be returned.

HAMPSHIRE
OAKLANDS PARK SCHOOL
Military Road, Gosport
Comprehensive mixed, 11 to 18
(Number on roll 1,800)
Required January:
HEAD of ENGLISH—Scale 4.
Details from Head (stamped addressed envelope please).

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
CANTERBURY DIVISION
SIR WILLIAM NOTTIDGE SECONDARY SCHOOL
Whitstable CT5 1PX
(Co-educational, 1,300 pupils)
Required for September or January, HEAD of ENGLISH STUDIES, salary Scale 4.
Applicant should be well qualified with extensive secondary teaching experience across the full ability range, and already undertaking organisational responsibilities. The Head of English should have the capacity to lead a large department as well as contributing fully to the general life of the school, and to the senior management team.
Applications by letter immediately to the Head Teacher at the school.

KIRKLEES
METROPOLITAN COUNCIL
ALL SAINTS' R.C. COMPREHENSIVE SCHOOL
Bradley Bar, Huddersfield HD2 2JT
(Voluntary Aided, 1,350 pupils, 11 to 18 years)
Required for 1st January 1978 HEAD of ENGLISH, Scale 4. For this senior post we seek an experienced Graduate who is able to lead and organise the work of this large department, in which there are courses of all levels up to University Open Scholarship. The vacancy arises because of the promotion of the present holder to a Deputy Headship elsewhere.
Application forms and further particulars available from the Headmaster of the School (stamped addressed envelope please) should be returned within ten days of the appearance of this advertisement.

KNOWSLEY
(Metropolitan Borough of)
RUFFWOOD COMPREHENSIVE SCHOOL
Roughwood Drive, Northwood, Kirkby, L33 8XT
(1,900 boys and girls, 150 in Sixth Form, S.P.A. payable)
For January 1978 (or September 1977, if possible), HEAD of ENGLISH Department, Scale 4. Successful experience at "A" level teaching and an interest in pupils of average ability both essential.
For further information, send stamped addressed envelope to the Headmaster, to whom applications, giving details of age, qualifications and experience, and naming 2 referees, should be sent as soon as possible.

MERTON
(London Borough of)
EDUCATION COMMITTEE
WILLOWS HIGH SCHOOL FOR GIRLS
Central Road, Morden SM4 5SE
Headmistress: Miss W. H. Elkin, B.Sc.
Required for January 1978 or earlier if possible, HEAD of ENGLISH, Scale 4 in this comprehensive school for girls aged 11 to 18 years. "A" and "O" and C.S.E. examinations are taken.
London Allowance £402. Legal expenses up to £300 and assistance towards removal expenses will all be considered where appropriate.
Application forms available from the Headmistress, on receipt of a stamped addressed envelope, to whom the forms should be returned by 8th July, 1977.

STAFFORDSHIRE
EDUCATION COMMITTEE
THE AELFGAR SCHOOL
Taylor's Lane, Rugeley
Roll: 1,050 (Mixed)
Required for January, 1978, or earlier if possible:
HEAD of ENGLISH DEPARTMENT (Scale 4) in this 11-18 fully Comprehensive School. A well qualified, experienced teacher is sought to teach throughout the school.
Application forms and further details may be obtained from the Headmaster (stamped addressed envelope) to whom they should be returned by 8th July, 1977.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The borough is within easy access of central London and bordered by Epping Forest. London Addition to salary payable.
Required for September, 1977, or January, 1978—
WILLIAM McGUFFIE HIGH SCHOOL
Greenleaf Road, London E17 6QR
Acting Head Teacher, Mr L. Banister
HEAD of ENGLISH (Scale 5)
A dedicated and creative TEACHER required to lead a team of four specialists in a most successful department in this mixed comprehensive school (11-14 years). Experience of mixed ability learning and multi-cultural approaches essential.
Closing date, 8th July, 1977.
Application forms obtainable on receipt of a stamped addressed envelope, from the Chief Education Officer, London Borough of Waltham Forest, Municipal Offices, High Road, Leyton, London E10 5QJ.

Other Posts on Scale 2 and above

CROYDON
(London Borough of)
INGRAM BOYS' HIGH SCHOOL
Springfield Road, Thornton Heath, Surrey, CR4 8DZ
Telephone: 01-653 0901
Tenable: 1st September 1977
TEACHER of ENGLISH required for this 11 to 14 Boys' School with a Scale 2 post available for suitable candidate as Second in Charge of Department with responsibility for the Library. Willingness to assist with Drama and Games desirable but not essential.
Salary: Burnham Scale 2 with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from and returnable to the Head Teacher at the above address as soon as possible.

DERBYSHIRE
HADFIELD COMPREHENSIVE SCHOOL
Newshaw Lane, Hadfield
Via Hyde, Cheshire SK14 8DA
Required for January, 1978, or earlier if possible, a TEACHER of ENGLISH (Scale 2) to be second in the department. This is a growing mixed comprehensive school (Group 10) for pupils aged 11-18 years. Applicants should be in agreement with the school's efforts to maintain traditional standards in working attitudes and behaviour.
Please apply by letter, giving curriculum vitae, experience and the names of two referees, to the Headmaster at the above address, from whom further details can also be obtained (stamped addressed envelope, please).
Closing date for the receipt of applications, Friday, 1st July.

HARINGEY
(Borough of)
HORNSEY SCHOOL FOR GIRLS
Inderwick Road, London, N.8
1,430 pupils, 260 in the Sixth Form
The school moved into new buildings in 1971.
Required for September:—
Well-qualified Graduate TEACHER of ENGLISH to share the work throughout the school. An interest or experience in Drama a strong recommendation, with development of this subject in September, 1978.
Scale 2 post available for suitably qualified and experienced candidate.
Please apply direct to the Headmistress at the school, quoting two referees.
Removal expenses—100 per cent allowed. London Allowance (£402) payable.
Chief Education Officer, Education Offices, Somerset Road N17 9EH.

HUMBERSIDE
EDUCATION COMMITTEE
SCUNTHORPE DIVISION
HIGH RIDGE COMPREHENSIVE SCHOOL
Doncaster Road, Scunthorpe
Headmaster, G. D. Fish
(Number on roll 1,200)
Required for 1st January, 1978 (or sooner if possible), a TEACHER of ENGLISH to act as Second within the Department. The school is twin sited, eight-form entry, caters for the full ability range of pupils aged 11 to 16 years. Well established and successful courses to G.C.E. "O" and C.S.E. levels. Scale 2.
Application forms may be obtained from the Headmaster and should be returned by 7th July, 1977.

KNOWSLEY
Metropolitan Borough of
ST. DOMINIC'S R.C. COMPREHENSIVE SCHOOL
Lordens Road, Liverpool L14 8UD
(1,075 boys and girls, 11 to 16, S.P.A. payable)
For January 1978 (or September 1977 if possible), DEPUTY HEAD of ENGLISH, Scale 3, to teach to all levels and share with Head of Department the organisation of a large well-equipped department.
For application forms send stamped addressed envelope to the Rt. Rev. Mgr. P. Walsh, St. Dominic's Presbytery, Southdean Road, Liverpool L14 5DL, to whom completed forms should be returned.

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
THE HEWETT [illegible] SCHOOL
St. Clement's Hill, Norwich
(Roll 1,240)
Required for September, 1977, ENGLISH TEACHER dedicated, enthusiastic graduate in English with special interest in teaching lower sets in fourth and fifth years. Ability in graphics and display technique an advantage but not essential.
Academic work available to a suitable applicant and a Scale 2 post for one with experience.
For application forms and details please apply to the Headmistress at the School enclosing a stamped self-addressed foolscap envelope. If an acknowledgement of the completed application form is required then this must be accompanied by a further self-addressed stamped envelope.

REDBRIDGE
(London Borough of)
DANE JUNIOR HIGH SCHOOL
Melbourne Road, Ilford IG1 4HT
Tel: 01-478 3706
Head: Mr. H. H. Aston, B.A., Dip. Soc. Stud.
Suitably qualified and experienced TEACHER of ENGLISH, Scale 3, required September, 1977, or as soon as possible thereafter, as Head of Department in this small junior mixed comprehensive school (11 to 14 years). A person of proven ability, experience and enthusiasm is looked for to develop the subject throughout the school. Outer London Allowance is payable.
Further details and application forms available from the Headmaster at the school to be returned as soon as possible.

ROTHERHAM
(Metropolitan Borough of)
DEPARTMENT OF EDUCATION
SWINTON COMPREHENSIVE
(11 to 18 mixed, over 1,600 on roll, 160 in 6th form)
Required for September, or as soon as possible thereafter,
Graduate TEACHER for ENGLISH, Scale 3, as second in the Department involved in a range of academic and administrative responsibilities.
Closing date 8th July, 1977.
Application forms may be obtained by sending a foolscap stamped addressed envelope to the Principal Recruitment Officer, Education Offices, Municipal Offices, Howard Street, Rotherham. Tel. 2121, ext. 3367.
B. W. Ellis, Director of Personnel Resources.

SHROPSHIRE
EDUCATION COMMITTEE
OLDBURY WELLS COMPREHENSIVE SCHOOL
Oldbury Wells, Bridgnorth
ENGLISH TEACHER responsible for the Junior Department; interest in Drama an advantage.
Scale 2 for suitable applicant.
Further details from Headmaster (stamped addressed envelope).

SECONDARY
English
continued

Scale 1 Posts

BARKING
(London Borough of)
WARREN COMPREHENSIVE SCHOOL
Whalebone Lane North, Chadwell Heath, Romford
(Roll 1,150)
Required for September, 1977:—
ENGLISH—to teach the full age and ability range. The appointment is for one term in the first instance during maternity leave of permanent holder of the post. Scale 1.
London Addition £402 per annum. Reimbursement of removal expenses in approved cases.
Application forms available (stamped addressed envelope) from the Headteacher returnable by 7th July, 1977.

BARNET
(London Borough)
FINCHLEY CATHOLIC HIGH SCHOOL FOR BOYS
Woodside Avenue, Finchley, N.12
01-445 2864
Voluntary Aided. Roll 1,104.
Required September, 1977. ENGLISH SPECIALIST, to share in the teaching of this subject. Ability to help with games desirable, but not essential. Practising Catholic preferred. Scale 1.
Schemes for payment of removal expenses and separation allowances in approved cases.
Further details and application form from Headmaster (stamped addressed envelope).
Director of Educational Services.

BRENT
(London Borough of)
CONVENT OF JESUS AND MARY HIGH SCHOOL
Crownhill Road, NW10 4EP
(Roll 975, 11-18)
Required from September or as soon as possible thereafter:—
MASTER or MISTRESS to assist in the teaching of ENGLISH to all ages and abilities up to and including "O" level work. The successful candidate would be joining a flourishing and lively department with well developed courses. Applicants should also state subsidiary subjects.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.
Candidates should apply by letter to the Head of the school within seven days giving age, present post, qualifications, experience and references.

BUCKINGHAMSHIRE
MILTON KEYNES DIVISION
DENBIGH SCHOOL
Bletchley
(Mixed Comprehensive, approximately 1,200 boys and girls on roll)
Required for September, 1977, a GRADUATE TEACHER of ENGLISH to join a flourishing go-ahead department of eight staff. All pupils follow at least one examination course in English—C.S.E. mode 3, G.C.E. "O" level language and literature, G.C.E. "A" level literature. There is a possibility of some Sixth Form work if desired.
The English department also run courses in cooperation with other departments, which include theatre and film work, librarianship, etc.
Bletchley is situated in the designated area of the new city of Milton Keynes, and the Development Corporation is making a number of houses for rent available to teachers appointed to schools within the designated area. Subject to the County Council's regulations, removal expenses up to £158 and board and lodging allowances will be payable.
Application by letter, giving full personal details, curriculum vitae and the names and addresses of two referees, to Mr. E. J. Cowin, M.A., Head, Denbigh School, Cornwall Grove, Bletchley, Milton Keynes MK3 7HU.

CAMBRIDGESHIRE
CAMBRIDGE AREA
MELBOURN VILLAGE COLLEGE
Required for the Autumn and Spring Terms, a TEMPORARY TEACHER of ENGLISH (Scale 1) in this 11 to 16, 820-pupil Comprehensive School.
Details and application forms (stamped addressed envelope) from the Warden, The Village College, Melbourn, Royston, Hertfordshire.

CHANNEL ISLANDS
STATES OF JERSEY
EDUCATION COMMITTEE
JERSEY COLLEGE FOR GIRLS
(680 pupils five to 18)
Required in September, graduate TEACHER of ENGLISH to work in the Secondary Department teaching to C.S.E. and "O" level initially with the possibility of "A" and "S" level work later.
Application forms and further details from the Director of Education, Highlands, St. Saviour, Jersey, C.I. Telephone 0534 71065, extension 361; and returned as soon as possible to the Headteacher of the School.

CROYDON
(London Borough of)
SOUTH NORWOOD HIGH SCHOOL
Sandown Road, London, S.E.25
Tel.: 01-656 0906
Tenable: 1st September, 1977
A TEACHER of ENGLISH is required for this six-form entry, co-educational, Comprehensive school for children in the 11-14 age range. Experience of the teaching of English as a second language would be an added qualification for this post.
Salary—Burnham Scale 1 with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form (S.T.A.P.) from and returnable to the Head Teacher at the above address as soon as possible.

CUMBRIA
EDUCATION COMMITTEE
ALFRED BARROW COUNTY SECONDARY SCHOOL FOR GIRLS
Duke Street, Barrow in Furness (11-16. Roll 810)
Required for September 1977 TEACHER of ENGLISH with some interest in FRENCH. Scale 1.
Applications by letter giving full details of education and qualifications to the Headmistress, on or before 8th July, 1977.

DEVON
OKEHAMPTON SCHOOL
Mill Road, Okehampton, Devon
Comprehensive, Coeducational
(1,430 on roll)
Required September, a TEACHER to teach ENGLISH, Scale 1. To teach throughout the main school to "O" level.
Applicants for a recent similar post please indicate if they wish to be reconsidered.
PLYMPTON SECONDARY SCHOOL
Moorland Road, Plympton, Plymouth
Required September, 1977, a TEACHER of HISTORY and ENGLISH in the Lower School with First Year Integrated Studies in Humanities. Scale 1.
PUBLIC SECONDARY SCHOOL FOR BOYS
Cobourg Street, Plymouth
Selective (495 on roll)
Required for September, a TEACHER of ENGLISH for C.S.E. and "O" level work throughout the school. An interest in Drama and the ability to assist with school games, rugby in particular, would be an advantage. Scale 1.
SOUTHWAY SCHOOL
Darkfield Avenue, Southway, Plymouth
Comprehensive, Coeducational
(1,700 on roll)
Required for September, a TEACHER for ENGLISH up to C.S.E. level. Interest in Drama an advantage. Temporary for autumn term only.
TAVISTOCK SCHOOL
Crowndale Road, Tavistock, Devon
Comprehensive, Coeducational
(1,700 on roll)
Required September, 1977, MASTER or MISTRESS for ENGLISH DEPARTMENT to share work throughout the school including Sixth Form for suitable applicant but this not essential. Scale 1.
SUTTON HIGH SCHOOL FOR BOYS
Regent Street, Plymouth
Required for September, GRADUATE ASSISTANT TEACHER (Scale 1) for ENGLISH at this three-form entry Grammar School (640 boys). Candidates should be able to teach to G.C.E. "A" level. An interest in Drama or other activities an advantage.
A temporary appointment for Assistant Master Mistress may be considered for lower school work.
For above six posts, application forms (stamped addressed envelope) from Headmaster, returnable to him within 14 days.

DEVON
SIDMOUTH COUNTY SECONDARY SCHOOL
(Roll 780)
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER to teach ENGLISH to C.S.E. with some RELIGIOUS EDUCATION. Good facilities in modern buildings. Scale 1 post.
The successful applicant will be expected to take up the appointment in September 1977 or as soon as possible thereafter.
Apply by letter with curriculum vitae and names and addresses of two referees to Headmaster, The County Secondary School, Primley Road, Sidmouth, Devon, as soon as possible.

DORSET
HARDYE'S SCHOOL
Dorchester
(Voluntary Aided Grammar School, 630 boys, 11-19, 85 boarders; on reorganization Upper School 13-19 for 850 boys)
Required September: ASSISTANT for ENGLISH. Advanced level work for suitable candidate. Non-resident boarding house internship available.
Full details (stamped addressed envelope) from, and applications to, Headmaster.

DUDLEY
METROPOLITAN BOROUGH
THE GRANGE SCHOOL
Grange Lane, Stourbridge
West Midlands DY9 7HS
(11 to 18 co-educational comprehensive, 1,120 on roll)
Required for September, 1977, TEACHER to take ENGLISH throughout the school (except remedial band), but to include some G.C.E. "O" level/C.S.E. work.
Apply by letter to the Headmaster immediately giving full details, including other interests.

ENFIELD
(London Borough of)
EDUCATION COMMITTEE
AYLWARD SCHOOL
Windmill Way, London, N18 1SX
(Eight-form entry mixed Comprehensive School) Roll 1,260 rising to 1,350.
Required for September 1977: MASTER/MISTRESS to teach ENGLISH with FRENCH or GERMAN throughout the school.
Substantial allowances in addition to Scale 1 post.
Temporary housing (so to two years). 100 per cent removal expenses (£400 maximum), relocation costs and lodging allowance where appropriate.
Application forms (stamped addressed foolscap envelope) obtainable from the Headmaster to whom they should be returned as soon as possible.

ESSEX
BILLERICAY SCHOOL
(Roll: 1,430 Main School 200 + Sixth Form)
School Road, Billericay
Tel.: 02-774 55191)
ENGLISH
GRADUATE required to teach ENGLISH throughout School, possibly including "A" level. Examination experience an advantage. London Fringe Allowance of £100 per annum payable.
Apply immediately by letter to Headmaster with full particulars and the names and addresses of two referees (with stamped addressed envelope please).

BRENTWOOD COUNTY HIGH SCHOOL
(Roll: 1,300)
(Mixed Comprehensive)
Shenfield Common, Brentwood
Tel: 0277 226482
ENGLISH
Required in September, preferably graduate.
Application by letter in first instance enclosing stamped addressed envelope for reply and names and addresses of two referees.

HAMPSHIRE
CITY OF PORTSMOUTH BOYS' SCHOOL
London Road, Hilsea, Portsmouth PO2 9RU
Comprehensive Mixed 12-18
Number on Roll (1,529)
Required from September, 1977
Scale 1—Graduate TEACHER of ENGLISH to work mainly with the Upper School.
Apply by letter to the Headteacher as soon as possible (stamped addressed envelope for acknowledgement and further details).

HAMPSHIRE
DEANERY SCHOOL
Marsh Lane, Southampton SO1 1EX
12 to 16 mixed Comprehensive
Number on roll 490
Required for September:—
Scale 1—ENGLISH and ENGLISH with RELIGIOUS EDUCATION.
Social Priority allowance payable.
Apply by letter to Head by 1st July.

HAMPSHIRE
PRIORY SCHOOL
Fawcett Road, Southsea, Hampshire PO4 0DL
Comprehensive Mixed 12-18
Number on roll 1,258
Required from September, 1977
Scale 1 TEACHER of ENGLISH
Apply by letter to the Headteacher as soon as possible (stamped addressed envelope for acknowledgement and further details).

HARINGEY
(Borough of)
Required for September:—
CREIGHTON SCHOOL
Creighton Avenue
Muswell Hill, N.10
(Comprehensive School; 11 to 18 years; 1,400 pupils, 220 in the Sixth Form)
Temporary TEACHER of ENGLISH. Work up to "A" level could be available for a suitably qualified candidate. Possibility of a permanent post later.
The school is housed in two pleasant modern buildings on a 16-acre site and offers excellent facilities.
Forms of application (stamped addressed envelope) available from the undersigned to be returned to Head of school as soon as possible. Closing date: Wednesday, 6th July.
HORNSEY SCHOOL FOR GIRLS
Inderwick Road, London, N.8
(1,440 pupils, 260 in the Sixth Form; the school moved into new buildings in 1971)
Well qualified GRADUATE TEACHER of ENGLISH to share the work throughout the school. An interest or experience in Drama a strong recommendation, with development of this subject in September 1978.
Please apply direct to the Headmistress the school, quoting two referees.
Removal expenses (100 per cent allowed), London Allowance £402 payable.
Chief Education Officer, Education Offices, Somerset Road, N17 9EH.

HEREFORD AND WORCESTER
(County Council of)
EDUCATION DEPARTMENT
HEREFORD, AYLESTONE SCHOOL
Broadlands Lane
Aylestone Hill, Hereford HR1 1JA
Scale 1 ASSISTANT required for September to teach ENGLISH to pupils of all abilities. The successful candidate will join a department which is closely associated with the Library, Drama, the development of resources and the establishment of challenging new courses.
Application forms and further particulars can be obtained from the Headmaster on receipt of a stamped addressed envelope (foolscap).

HILLINGDON
(London Borough of)
MELLOW LANE SCHOOL
Hewens Road, Hayes, Middlesex UB4 8JP
(Number on roll 1,021—136 in sixth form)
Headmaster: O. D. Walters, J.P., B.Sc.
Required for September:
TEACHER of ENGLISH (Scale 1) to teach this subject throughout the school. Lower school classes are in mixed ability groups; English is a popular sixth form option. Applications from newly qualified teachers will be welcome.
Application forms from and returnable to the Head Teacher.
London Allowance Payable.

HUMBERSIDE
COUNTY COUNCIL
EDUCATION DEPARTMENT
EAST RIDING DIVISION
DRIFFIELD SCHOOL
Manorfield Road, Driffield
ENGLISH—Scale 1 post.
Required for September, 1977, an ENGLISH GRADUATE to teach the subject up to and including Fifth Form, with examination work.
Application forms are available from, and returnable to, the Headmaster at the school.
Closing date for applications 4th July, 1977.

HUMBERSIDE
COUNTY COUNCIL
EDUCATION DEPARTMENT
EAST RIDING DIVISION
HORNSEA SCHOOL
Eastgate, Hornsea, North Humberside
(Fully Comprehensive 11-18—Mixed Number on Roll 1,000)
ENGLISH—Scale 1 post.
Required for September, 1977, a well qualified ENGLISH GRADUATE to teach the subject throughout the age range (11-18 years).
The post is suitable for a newly qualified candidate, although a Scale 2 allowance could be available for an experienced applicant.
Application forms are available from and returnable to the Headmaster at the school. Closing date for applications 4th July, 1977.

HUMBERSIDE
COUNTY COUNCIL
EDUCATION DEPARTMENT
EAST RIDING DIVISION
WILLERBY SCHOOL
Carr Lane, Willerby, Hull.
ENGLISH—Scale 1.
(two posts available)
Required for September, 1977:
(a) A graduate TEACHER of ENGLISH in the Upper School including a share of Sixth Form work.
(b) A TEACHER of ENGLISH in the Lower School (11 to 14).
Application forms are available from, and returnable to, the Headmaster at the school.
Closing date for applications: 4th July, 1977.

HUMBERSIDE
COUNTY COUNCIL
EDUCATION DEPARTMENT
KINGSTON UPON HULL DIVISION
SHEATHFIELD HIGH SCHOOL
Hemswell Avenue, Hull
Head: N. H. Dickinson, B.A., M.Ed.
Required for September, 1977, a TEACHER of ENGLISH who will join a successful and enthusiastic department of eight. The person appointed will be expected to teach to all levels of ability and to be capable of "A" level work. The school takes C.S.E. Modes 1 and 3, "O" level, and there is a substantial amount of work in the Sixth Form.
This is a mixed comprehensive school with 1,120 pupils aged 13-18 years.
Application forms, available from the Head, should be returned by 4th July, 1977.

HUMBERSIDE
EDUCATION COMMITTEE
GRIMSBY DIVISION
WALTHAM TOLL BAR SCHOOL
New Waltham, Near Grimsby
(No. on roll 1,050)
Headmaster, I. K. Drake, M.A., F.R.S.A.
Required for 31st August, 1977: Lively and enthusiastic ENGLISH GRADUATE able to teach the subject up to "A" level and throughout the ability range.
Enthusiasm and a willingness to play a full part in a large school are sought.
This is a comprehensive school in very modern purpose-built premises in a rural area surrounded by open fields. It serves the delightful area from the Lincolnshire Wolds to the East Coast.
Application forms and further particulars obtainable from the Headmaster at the school (or S.T.A.D.), to whom they should be returned within ten days of the appearance of this advertisement.

HUMBERSIDE
EDUCATION COMMITTEE
GRIMSBY DIVISION
WINTRINGHAM SCHOOL
Weelsby Avenue, Grimsby
(Roll 1,030)
Headmaster Dr. G. Haigh, B.Sc.
Required for 31st August 1977: Well qualified TEACHER of ENGLISH to join large and successful department. An opportunity may be available for suitably qualified candidate to share "A" level work. An interest in Drama would be welcomed.
Application forms and further details obtainable from the Head Teacher at the school to whom they should be returned within 10 days of the appearance of this advertisement.

ISLE OF WIGHT
COUNTY COUNCIL
SANDOWN HIGH SCHOOL
The Fairway, Sandown,
Isle of Wight
Age range 13-18 years
(1,300 on roll)
Group 12 Mixed Comprehensive
Required for September, 1977, or January, 1978, well qualified and experienced GRADUATE for position as SECOND in CHARGE of ENGLISH, to teach at all levels throughout the school and to help with examination and departmental organization. Responsibility for school drama desirable but not essential.
Outline applications by letter with names of two referees to the Head Teacher, Mr. D. J. Minter, as soon as possible.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
CLARENDON HOUSE GRAMMAR SCHOOL FOR GIRLS
Ramsgate, Kent
(650 pupils)
Required in September, a GRADUATE to teach ENGLISH to Advanced level.
Application, by letter, giving full details, together with copies of testimonials, names and addresses of two referees, to the Headmistress.
BORDEN SCHOOL
Avenue of Remembrance
Sittingbourne, Kent
Required in September, GRADUATE for ENGLISH. "O" and "A" level work available for a suitably qualified candidate. Opportunity to contribute to sixth form general studies and to school games and/or school societies. This is a four-form entry Voluntary Controlled Grammar School developing into an Academic Upper School (boys enter at 13 and remain for five years to take "O" and "A" levels).
Sittingbourne is set in attractive country between the Medway towns and Canterbury with easy access to London and the North Kent coast.
Applications, together with the names of two referees, direct to the Headmaster at the school.
GRAVESHAM DIVISION
THE GORDON SCHOOL
Lower Higham Road, Gravesend
Headmaster: Mr. D. H. Bridger, M.Sc., M.Phil.
(Number on Roll: 1,230)
Required for September, TEACHER of ENGLISH. Possibility of some residential work for interested candidates.
Apply by letter to the Headmaster, giving curriculum vitae and naming two professional referees and in the case of college leavers the name and address of the College.
MAIDSTONE DIVISION
OLDBOROUGH MANOR SCHOOL
Boughton Lane, Maidstone
(1,400 mixed)
ASSISTANT to teach across the age range (11 to 17). Will establish courses leading to C.S.E. and G.C.E. "O" level. Although the school does not at present offer "A" level courses, experience of teaching to "A" level would be an advantage.
Application form and further details available from the Headmaster (stamped addressed envelope).
VINTERS BOYS' SCHOOL
Huntsman Lane, Maidstone
(650 on roll: comprehensive boys)
Required for September 1977 GRADUATE TEACHER of ENGLISH at this new school delightfully set in 40 acres of woodland and playing fields. Courses to C.S.E., G.C.E. and "O" level are undertaken. An English student just completing a postgraduate Certificate in Education would be acceptable, and the ability to speak French is an advantage.
Letter of application, naming two referees, to the Headmaster.
TONBRIDGE AND MALLING DIVISION
ANGLEY SCHOOL
Cranbrook
(Roll 1,100; Kent Thames-side Scheme High School)
Required from September for one term only: ASSISTANT TEACHER for progressive ENGLISH department.
Applications by letter to the Headmaster giving details of qualifications and experience, ages, and names and addresses of two professional referees (stamped addressed envelopes, please).

KIRKLEES
METROPOLITAN COUNCIL
COLNE VALLEY HIGH SCHOOL
Linthwaite, Huddersfield.
Required for September 1977 TEACHER of ENGLISH (Scale 1). The successful applicant will be expected to teach English to C.S.E. and "O" level.
Forms of application and further particulars about the school may be obtained from the Headmaster (stamped addressed envelope please).

CONTINUED ON PAGE 45

Gwent County Council

EDUCATION DEPARTMENT

REQUIRED FOR 1st SEPTEMBER, 1977

Applications are invited from qualified teachers for the following vacancies:

KING HENRY VIII SCHOOL, ABERGAVENNY (11 to 18)
ENGLISH. Opportunities for well qualified teachers to teach wide range of classes and to contribute fully to general school life. Please state special interests.

NEWPORT DUFFRYN COMPREHENSIVE SCHOOL (11 to 18)
(a) PHYSICAL EDUCATION. To be responsible for the department and the teaching of girls throughout the school. Applicants from a recognised Physical Education College and advanced stage essential. Scale 2 for suitably qualified candidate.
(b) PHYSICAL EDUCATION. To assist with the teaching of girls throughout the school. Applicants from a recognised Physical Education College and advanced stage preferred.

NEWPORT HARTRIDGE COMPREHENSIVE SCHOOL (11 to 18)
ENGLISH.

ST. ALBAN'S R.C. COMPREHENSIVE SCHOOL, PONTYPOOL
Required for 1st September or as soon as possible:
(a) A teacher to help with PASTORAL CARE and the academic development of the school and to assist in the teaching of HISTORY, GEOGRAPHY or MUSIC. Preference will be given to practising members of the Roman Catholic Church. Up to Scale 4 available for suitable candidate.
(b) A teacher to help with the less able pupils. Ability to assist with the teaching of either HISTORY, GEOGRAPHY or MUSIC will be a further recommendation.

BLAENAVON SECONDARY SCHOOL
FRENCH with some general subjects in the junior forms.

Application forms and further information for the above appointments in the Education Department, may be obtained, on receipt of a stamped addressed envelope from the Director of Education, Gwent County Council, County Hall, Cwmbran, Gwent NP4 2XG. To be returned to the Headmaster of the School concerned by 8th July, 1977.

The successful applicants will be required to submit a satisfactory medical report on appointment.

CITY OF COVENTRY

Required Autumn Term
Assistant Teachers at:

Caludon Castle Boys' Comprehensive School
Axholme Road (1,570 on roll)
(1) PHYSICS, Scale 1.
(2) CHEMISTRY, Scale 1.
The Science Department enjoys good facilities and has a high reputation.

Coundon Court Mixed Comprehensive School
Northbrook Road (1,830 on roll)
ENGLISH in a large and strong department, preferably with an interest in less able pupils for a proportion of a timetable. Scale 1.

Lyng Hall Girls' Comprehensive School
Blackberry Lane (1,630 on roll)
BIOLOGY, Scale 1.
Newly qualified candidates welcome to apply.

Stoke Park Mixed Comprehensive School
Dane Road (860 on roll)
LATIN to 'A' level and/or Lower School HISTORY.
Experienced teacher for full or part-time temporary one-term appointment to cover secondment of permanent staff.

Tile Hill Wood Girls' Comprehensive School
Nutbrook Avenue (1,640 on roll)
(1) FRENCH, Scale 1.
(2) Teacher of OFFICE SKILLS in the commerce department and to organise the school resource centre. Scale 2 post for suitable applicant.

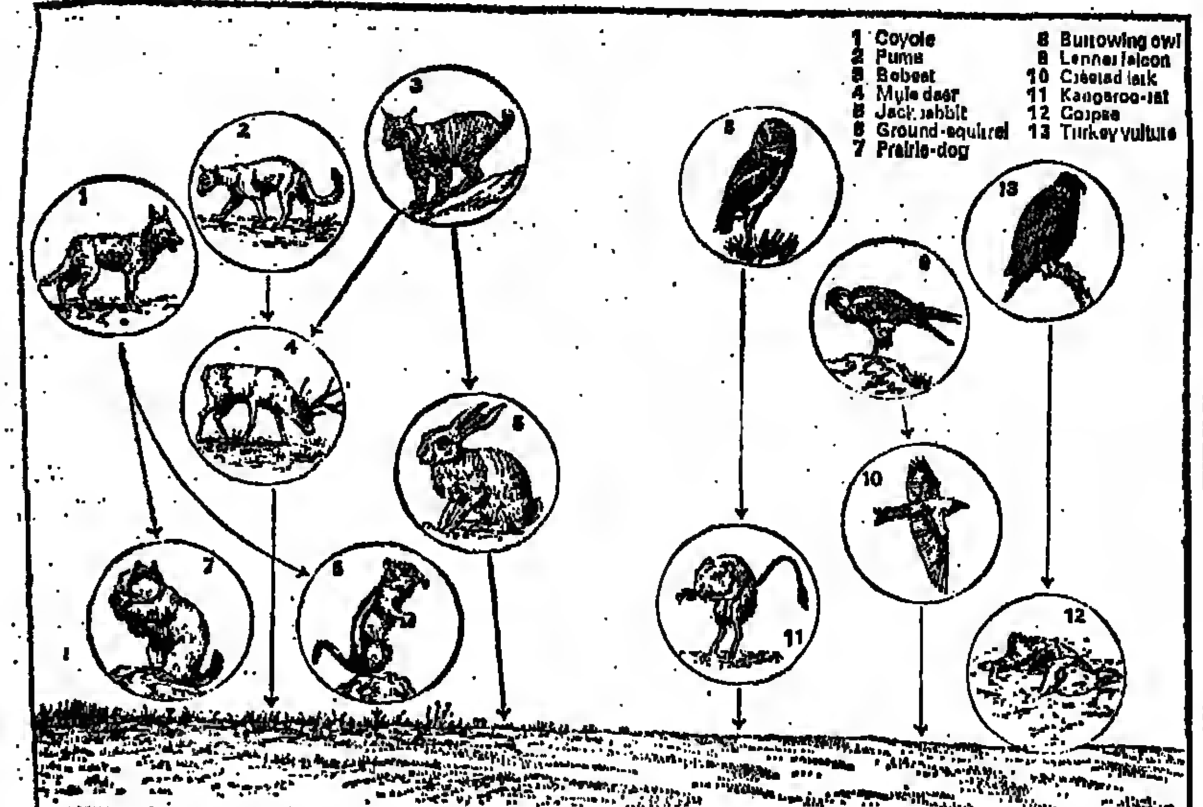
The Woodlands Boys' Comprehensive School
Broad Lane (1,630 on roll)
Genuinely unstreamed and well-structured school. PHYSICS to C.S.E. and 'O' levels with science in Junior Forms, Scale 1.

Closing date 10 days after appearance of advertisement. Canvassing disqualifies.

Apply by letter giving full details (age, qualifications, experience) with names and addresses of two referees to the Head Teacher of the School concerned, unless otherwise stated.

EXTRA

SECONDARY BOOKS: SCIENCE



This example of a food-chain in the North American desert showing how carnivorous mammals and birds feed on herbivores, which in turn feed on vegetation, is one of the illustrations in John Cloudsley-Thompson's "The Desert" (Orbis £4.95). Many beautiful colour plates, showing polar as well as hot climate deserts, a glossary, bibliography and index make this a good choice for any library. A similar attention-getting format and informative text characterize "The Seashore and its Wildlife" (£5.95) from the same publisher.

Balancing Nature

William Cleghorn

Introduction to Ecology. By R. Dajoz, translated by A. South.
Hodder and Stoughton £7.50. 340 16254 6. £4.45. 340 19559 2.
World Resources 1: Energy. By D. S. Scott.
Wheaton £1.60. 08 019818 X.

In grammar schools of the fifties, nature study was apt to be a puny affair. In mine it rated one period a week. We shared an easy-going 40 minutes with a relaxed history master taking time off from sterner engagements with the upper school, to enquire into such matters as the internal affairs of chrysalises and the life histories of eels. After a year the examination system closed in to drag us away to Form 2 and the relentless disciplines of higher learning, leaving behind our sprouting beans in their jam jars on the Form 1 shelf.

A few budding doctors and eccentrics returned to the subject—renamed biology—amid dissected worms and gusts of formalin, but for most of us the idea of nature as a subject for serious study faded from sight beside the more popular sixth form specialisms. Science was particularly fashionable. The country, they said, was crying out for scientists (they meant technologists, really). We simply couldn't go wrong.

By the late sixties it was becoming apparent that, scientists or no scientists, we could go seriously wrong. Pollution became a watchword in the wake of the Torrey Canyon disaster. An old mystery called the Balance of Nature was revived and seemed upset. Nature study—now dubbed ecology—was popularly invoked in avant garde circles, to the consternation of professional ecologists unused to publicity in their arcane pursuits and reluctant at first to see their cherished specialism reduced by the media to an emotional common denominator shared by bird watchers, commune dwellers, conservationists, cyclists, noise abaters, whole food enthusiasts and a host of other dissenters from technical progress.

Popular ecology has so far proved a durable fashion, however, and British citizens born later than the mid-sixties will probably grow up taking its importance for granted, though they may still call it nature study if they leave school early. Those who pursue it to sixth form level and beyond will be fortunate if they encounter Mr Dajoz's textbook.

Introduction to Ecology may at first appal them with the realization that mathematics and hard-nosed quantitative science invade the higher realms of dear old nature study, though it still retains its anecdotal charm. Perseverance will reward them with an elementary understanding of the world's great living systems. The text is organized logically, beginning with the idea of environmental factors, distinguishing the biotic from the abiotic, introducing the study of populations, proceeding to concepts of community and eco-system, and finally arriving—via material and energy flows, productivities of eco-systems, and the evolution of life on earth—at a solid basis in disciplined observation for the respect that nature presently asks but will one day demand of humanity.

First published in France in 1969, the book ran to three editions in six years. This expanded edition is well served by its translator and, with its comprehensive references, useful reading list and succinct index, amply supports its author's conviction that ecology should be a part of every person's education.

My 14-year-old test market expressed reservations about the attractively illustrated *World Resources 1: Energy*. I agree with him. Introductory texts should start by explaining carefully what energy is, and this one doesn't. Instead it dashes into a breathless litany of global energy problems followed by an advertising copy writer's Cook's tour of the solutions and non-solutions. The sheer pace of the account gives scientific accuracy and disciplined thinking rather a shaking, but the "Things to do" sections contain some good ideas, though some of them look a bit harebrained to me. "Find out about the Iron Gates hydro-electric scheme", Mr Scott brightly suggests. That should stir them up at the Romanian embassy, if it catches on.

Earth-bound

John Gribbin

Forces of Nature. Edited by Sir Vivian Fuchs.
Thames and Hudson. £9.50. 500 01153 2.

This book is a glossy, lavishly produced attempt to increase general awareness about the tenuous nature of mankind's grip on planet earth, compared with the awesome power of natural forces. Chapters on such topics as "Deserts, Droughts and Famine", "Volcanoes", "Earthquakes and Drifting Continents" and "Glaciers and Ice Ages" are written by experts and each is followed by a section of illustrations, including many colour photographs. The editor's role seems to have been minimal, and the whole book sits unhappily between the coffee table market of its overall format and price and the more educational sobriety of the text.

This is unfortunate, especially where the economically stretched school library is concerned. The bulk of the book is about climate and the geophysical processes which mould the solid earth, and the level of presentation would make it ideal for a secondary school readership, helping to encourage young people in those areas of science which are of practical relevance to survival on the surface of an overcrowded, active planet.

But the price really is prohibitive; for the same money you could buy (or may already have) both of the splendid Nigel Calder/BBC epics *Restless Earth* and *The Weather Machine*—and just recently Michael Bradshaw's *Earth the Living Planet* (Hodder and Stoughton) has covered twice as much ground at half the price in an equally readable form.

Nevertheless, for those with large coffee tables and deep pockets *Forces of Nature* is likely to provide both information and entertainment. The stories of continental drift, ice ages and so on have been told elsewhere, but this is a handy package to dip into and may whet the appetite for more meaty things. The colour illustrations are certainly attractive and worth the price if that is what you are after—but they are largely irrelevant in academic terms.

Environmental expressions

Dictionary of Environmental Terms. By Alan Gilpin.
Routledge and Kegan Paul £3.50. 7100 8483 8.

He has to be a very brave man who aspires to compile a book such as this for "there are few words in the English language quite so all embracing as the word environment". How long should the book be, and on what basis should the selection be made? Any answers to these fundamental questions are unlikely to satisfy all readers.

In a very short introduction, Mr Gilpin explains that his selection is "somewhat pragmatic"; it is based on his own experience in terms of environmental pollution and its control as well as terminology used at the first United Nations Conference on the Human Environment held in Stockholm in 1972. Even with such a narrow selection it is unlikely that a book of 174 pages can begin to do justice to such an immense field.

Indeed, initial doubts prove to be only too well founded. There is greater need for a full, explanatory preface which draws more carefully the scope of the dictionary and tries to define more clearly an organized approach.

Second, it is quite evident to the reader that sub-division is not only necessary but would be helpful. Instead of a straightforward alphabetical listing there is a need for sub-sections such as natural conservation, the built environment, environmental pollution and control, environmental education, etc. Terms within such sections could then be arranged alphabetically.

Third, because of the compiler's stated experience, there is too much on pollution and its control, and hardly anything on the built environment. Townscape and landscape, an area of manifest concern to all people, surely requires greater attention.

The book has an Australian emphasis which is not entirely suitable for British studies. Many "ordinary" words, such as erosion, family, flood plain and manhole, are unnecessarily defined.

Bryan Waites

A Beginner's Guide to Freshwater Algae. By Hilary Belcher and Erica Swale.
Her Majesty's Stationery Office 85p. 11 881393 5.

This is a practical little book for anyone whose work or interest requires identification of the freshwater algae down to about genus level. The drawings (mostly from living specimens) are supported by clearly written notes giving as much detail as space allows.

R. C. Vernon

Structured Questions in Chemistry
C. Nicholls, F. O. Harriss, P. M. Ingram
More than 60 structured questions, grouped by topics, designed to meet the requirements of pupils preparing for O-level and C.S.E. examinations, especially those following Nuffield or similar courses. The structured format, similar to those used in examinations, should in many instances lead pupils step by step to answers they might otherwise be incapable of reaching.
Publication July — 48 pages — 65p
Set of 5 copies £2.00

Focus on Physics
Second Edition
Sylvia Chaplin and H. J. P. Keighley
A new and fully revised edition of this highly successful [illegible] Physics course for C.S.E. students. The use of colour and the many photographs of everyday and industrial applications of the principles studied make this book attractive and easily readable. Important additions are new chapters on motion and energy, a table giving the names of units and their values, and a wider range of questions at the end of each chapter.
464 pages — £2.60

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C. D. Gould
An illustrated course for C.S.E. or O-level students. The integral practical work, which is an important feature of the book, requires only simple and readily available materials. Relevant instructions are clearly distinguished from the rest of the text. A glossary of important terms has been included to help the reader.
152 pages — £1.60

WHEATON *Hennock Road, Exeter EX2 8RP*

Mechanisms of reaction

Peter Huw Morgan on chemistry for A level and CSE

Structural and Comparative Inorganic Chemistry. By P. R. S. Murray and P. R. Dowson
Heinemann Educational £3.60. 435 65644 9.

Chemistry—A Modern Introduction for Sixth Forms and Colleges. Part 1: General and Inorganic Chemistry. Part 2: Organic Chemistry. Part 3: Physical Chemistry (second edition). By T. F. Chadwick.
George Allen and Unwin. Part 1 £2.95. Part 2 £2.95. Part 3 £3.50.

Studylog Chemistry. By W. E. Latchem
Hutchinson £2.25. 09 127451 6.

Inorganic chemistry has benefited greatly from the systematic studies of trends in physico-chemical properties. The authors of *Structural and Comparative Inorganic Chemistry* have made full use of the periodic classification in writing this text and intend it for A, S, ONC and OND candidates and as introductory reading for first year undergraduates. The box notation for electronic structure is quickly established and combined with the concept of hybridization (quite well illustrated) to provide a basis for the discussion of molecular structure. Molecular orbital theory is mentioned though such topics as the paramagnetism of oxygen are not included.

The first six chapters deal with the general considerations of electronic and molecular structure, energetics, redox potentials and the periodic classification. The remainder of the book is then devoted to the periodic groups, complexes and the d-block elements; 130 multiple choice questions (with answers) and 100 essay questions bring the book to a close. The text makes good use of enthalpy cycles and includes well over 100 tables of data, the chapter on periodicity being especially well favoured in this respect. The section on complexes introduces the various ligand configurations about the metal centre and gives a thorough account of isomerism. There is also a brief excursion into ligand and crystal field theories made harder to understand by lack of any pictures showing the angular dependence of the d-orbitals.

The nomenclature is systematic without being fussy, and the SI is adhered to. The text is surprisingly not provided with a bibliography but has clear diagrams and gives an interesting introduction to the diversity of the periodic table.

This second edition of Mr Chadwick's three-volume text is intended for A, S and ONC level students. Part one is devoted to general and inorganic chemistry, and begins with fundamental atomic structure, bonding and thermodynamics and then divides the periodic table into s-, p-, and d-block elements with emphasis on metallic/non-metallic behaviour. Important or representative elements are discussed in detail and aluminium and the zinc group are discussed separately. Covalent molecular structure and complex formation are described as the need arises. Part two covers organic chemistry and, apart from discussing the various functional groupings, includes chapters on the identification of organics (though very little on the mass spectrometer), isomerism, biologically and industrially important chemicals. Mechanisms of reaction and IUPAC nomenclature are introduced at appropriate points and a summary of reaction concludes the book. The last part introduces physical chemistry in a fairly traditional manner with SI units and contains both worked examples and problems for solution. Hess's Law is well described and tables of data are appended. The diagrams in these volumes are often black on grey which does not make for clarity, but the three parts are fairly self-contained and cross-reference between them is only occasional.

Studying Chemistry is a single volume text for CSE candidates from 13 to 16 years. The author takes little for granted and commences with the anatomy of the Bunsen burner, purity and separation. This book is very much concerned with applications and many chapters contain a detailed study of the impact of chemistry upon some aspect of everyday life (and vice versa). The text is straightforward, the diagrams clear and the monochrome plates plentiful. Worked sample results are given with experiments and the author includes a section on careers in chemistry. The factors affecting reaction rates are introduced via simple collision theory though the reaction between hydrogen and chlorine is perhaps not the best example to choose.

The experiments for demonstration by the teacher only are marked with an asterisk and some safety advice is given both in the preface and in the text. Since such substances as lead nitrate, barium chloride and carbon disulphide are used by pupils, some specific toxicity warnings are needed. The text is sometimes prone to over-simplification—it is probably an exaggeration to say that no one has scurvy any more—but this is a lively course and Mr Latchem takes every opportunity to make it relevant to the world about us.

Experimentally

A. Hoskyns

Physics Investigations. By V. W. Bolton
Wheaton £1.15. 08 020481 3.

Certificate Physical Science. Book One. By A. J. Mee and A. C. E. Jarvis.
Heinemann Educational £1.80. 435 57581 3.

A Dictionary of Physical Sciences. By John Daintith.
Macmillan £5.95. 333 19434 9.

Physics Investigations was designed to encourage A level students to plan their own experiments, and is based on a five-volume set of laboratory experiments and projects which V. W. Bolton wrote when he was involved with the development of Nuffield Physics in the sixties. He enumerates 200 ideas for generating investigations and he advises the teacher how to help when the pupil has reached a standstill. He provides specimen reports—but they tend to be more concise and formal than those a pupil actually produces; they, in fact, often show more insight into the methods of scientific research than has come through in these exemplars.

Genuine experiment is the product of interest and confidence, and it proceeds on the feed-back principle and not that of working backwards from an ascertained conclusion. Ideally, one would hope that the years spent at O level doing a modern course would provide confidence to work experimentally in the context of an individual's own ideas and strategies.

Bolton's real concern is with the student who has no ideas at all; this is a sad comment on the result of much O level teaching which is only to be depressed further by courses like that of Mee and Jarvis's *Certificate Physical Science*. This is a catalogue of experiments to be performed by rote, designed to show how groups of facts equal one law, which is easier to remember than the facts that combined to form it.

It is a series of experiments, comments, laws, theories and summaries punctuated with paragraphs of suggestions for background reading. Every experiment must be done in order or the argument of the chapter is interrupted and becomes meaningless.

Only five past examination questions (1971, 1972) are quoted. This is an approved textbook for the Ministry of Education at Singapore, and therefore largely affects only the 22,000 overseas students who take Cambridge Physical Science "O" level. If it hopes to attract those teaching general science courses in the United Kingdom, it is worth noting that a biological topic is touched upon.

John Daintith's book is designed for students, teachers and researchers as a personal dictionary. It is useful, but not flawless. The definition of "acceleration of free fall", symbol g, for example, is perhaps tautologous and not very helpful. The description of the computer term "Byte" as equal to eight bits is surely an error; it is only conventionally eight bits in some machines (e.g. IBM 360), certainly not in all, and the important notion of a byte being the minimum number of bits necessary to represent a character does not appear at all.

Grub, guts and spit

John K. Williams on general and combined science

General Science (Third edition). By Charles Windridge.
Schofield and Sims. Books 1, 2, and 3 95p each.

Combined Science. By G. Green, S. K. C. Petford, A. J. Short and D. L. Walker
John Murray. Book 1 £1.25. Book 2 £1.95. Teachers Guides 1 and 2 £1.95 each.

Integrated Science. Edited by D. Tinbergen and P. Thorburn.
Edward Arnold. Book 1 £1.50. Book 2 £1.75. Book 3 £2.25.

Curriculum development is a continuing process and the method of exploring a subject will depend on the needs of particular pupils and the amount of collaboration between a teacher and his class. It is therefore not surprising to find, at this time of considerable curriculum change, science books on the market with quite different approaches to the subject, especially in the way they demonstrate the inter-relationship between the various scientific fields. The three series of books described here are all suitable for the early years in secondary school.

The Charles Windridge *General Science* books were first published about 20 years ago, and most science teachers will be familiar with them. Further revised editions of books 1, 2 and 3 have recently been published and revised editions of books 4 and 5 will be available soon.

The style of the material is pre-Nuffield. Each topic is treated as a complete unit and the layout of the books is such that each topic takes up two pages, the text on one page being faced by explanatory diagrams and illustrations on the opposite page. Some topics, e.g. human sexual reproduction, and chromatography, are notable for their absence or lack of detail, and some of the text notes, especially for the more theoretical concepts are too brief.

The course is insufficient to give a thorough background knowledge to pupils, and it will require a great deal of work on the part of the teacher to make up for this. However, despite these drawbacks, and in spite of the books' unassuming title, they do successfully relate the different science disciplines by presenting the topics in a logical well-linked sequence.

The *Combined Science* series is in its method of approach at the other end of the spectrum from the *General Science* series, and the content of the books is intellectually much more demanding. The authors took part in the trials for Nuffield Combined Science and, as would be expected, their method is investigational. The two student volumes are complemented by corresponding teachers' guides containing answers to questions, supplementary information and advice. The various scientific fields are neatly and effectively combined and the chapters are arranged around inter-disciplinary themes, e.g. supporting forces, water, air.

The 18 authors of the *Integrated Science* series, teachers at the Wreake Valley School Science Department, have set out to produce material comprised of proven techniques and experiments, and to afford a starting point for teachers to devise their own courses.

The presentation of the material is clear and precise and guidance to pupils on what to record in their notebooks is given by means of a series of questions. In the words of the authors, "... the detailed instructions given to pupils ensure that they can get on with their work without putting undue pressure on the teacher".

The *Integrated Science* series, in the main, employs investigational methods similar to the *Combined Science* series but there is little emphasis on the unified structure of science. Its style, however, although still academic, is more lighthearted. Many of the illustrations are quite funny, and some of the unusual chapter headings such as "Grub, Guts and Spit" are bound to arouse interest.

Away from multiple choice

T. H. Price

Free Response Questions in A level Chemistry. By R. A. H. Hillman and A. C. Pennington.
Addison-Wesley £1.20. 201 02934 5.

This is a new topic, claimed to be the first to give guidance on the free response questions being introduced to the Nuffield course examinations at A level.

The pendulum is obviously on the move again, away from those crystal clear multiple choice and similar type questions and their unmistakably precise answers. But the authors are quick to warn the student that this is not necessarily a move back to the old style essay question. By its very nature, they say, a good free response question will receive answers whose style and content cannot be accurately predicted. Hardly an entirely new discovery, one might think. So it must be understood that freedom is limited, within certain constraints, if full credit is to be obtained.

Candidates are advised that presentation of material can be varied. Sketch diagrams, flow diagrams, graphs, tables of data, even notes can be used. It is necessary to develop ability to select material relevant to the question, to organize and to express oneself in unambiguous language.

The marking is carried out by first obtaining agreement among examiners on certain guidelines as to what constitutes a good or a bad answer and then giving a grading on a six point scale varying from "excellent" to "no merit". No longer are precise numerical marks awarded for specific points in the answer. The grading is thus somewhat subjective. Double marking using a second examiner, with a third in reserve, is used to ensure fairness and consistency.

The purpose of this book is to provide students with practice in answering a range of free response questions, 88 in all, subdivided into 11 sections such as Periodicity, Carbon Chemistry, Structure and Bonding. Most important (from the student's viewpoint) is the fact that answer guides are provided to many of them—not model answers, but brief pointers indicating what is essential in a good answer.

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JOHN MURRAY

INTEGRATED SCIENCE

Combined Science
G. Green, K. Petford, A. Short, D. Walker
Already very widely adopted within a year of publication, this course provides a core of work for the first two years of secondary school science. Though indebted to the Nuffield Combined Science Scheme, a fresh approach has been used and many of the methods and experiments are the authors' own — tried and tested in their own schools.
"The pupils' book has plenty of experiments, clearly explained, with warnings where necessary, information, good pictures and extra things to do." *School Science Review* on Book 1.
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Book 1 £1.25
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M. Atherton, P. Nemaseke, O. Sloan
This one volume course provides two or more years' work in physical science at early secondary level. To encourage an integrated approach to the teaching of physical science the book is arranged thematically under three headings — Matter, Energy and the Environment — but within each broad theme the Units of work can generally be identified as 'physics' or 'chemistry'. Thus, while there is a logical arrangement of material within each theme, the book as a whole allows great freedom to the individual teacher to plan his own course. The authors have taught widely in Nuffield courses, and in courses based on Nuffield ideas in Kenya and the U.K.
"The product of experience and enthusiasm ... this course is obviously well laid out and uses diagrams and texts in pleasing combination. The style is simple as the books were designed for pupils who have English as a second language. Equations are introduced in word form and use is made of flow diagrams to illustrate chemical processes. The equipment used is inexpensive and new concepts handled in a lively manner." *The Times Educational Supplement*
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Publication: September probably £1.86

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The sub-atomic world

Frank Austis

Light and Life. By Antony McB Collier. £1.20. 08 0198 7 4.

What is Energy. By A. W. Wilson. £1.10. Wheaton. 19849 X

From Quarks to Quasars. By Edward Thomas. Athlone Press £1.95. 485 12024 8

Recent changes in the content of A level physics courses have been accompanied by equally significant changes in the style of examining. Judicious cramming is now less likely to serve as a satisfactory substitute for serious study, and a creditable pass is more indicative of genuine understanding.

These changes, which make the sixth form course more interesting and satisfying, also make it more exacting. It is, fortunate that a new generation of textbooks of impressively high standard is now being further reinforced by several series of background books which extend both the depth and the scope of study in selected topics.

The new series "Selected Topics in Physics" from Wheaton serves as a paradigm of such background material. Firmly rooted in topics directly related to the sixth form curriculum, they nevertheless extend their accounts beyond the customary limits. They underplay the mathematical aspect of the subject but do no disservice to readers who should be sufficiently encouraged by what they read to follow up more rigorous mathematical analysis in other texts. They successfully provide a clear explanation of underlying principles and, despite their qualitative approach, the books have a distinctly scientific flavour which is well matched to the needs of sixth form pupils.

The spectrum of electromagnetic radiation is a common feature of sixth form physics, but it would be quite possible to complete a course without reference to either the laser, holograms or photography; it is even less likely that there would be any reference to photobiology. It is topics such as these which have been chosen by A. McB. Collier in illustrate ways in which the study of light impinges upon our everyday life. His book is interesting, lucidly written and particularly useful.

Dr Wilson's *What is Energy* is another excellent background reader with chapters devoted to such topics as "The Physics of Energy", "Chemical Energy and Life", "Thermodynamics and the Universe" and "Energy in Society". The style of both these books, as well as the careful selection of material, helps to ensure that they will stimulate the reader and provide more satisfactory reading than that commonly found in the standard texts. Each author offers suggested reading from a selected bibliography and gives a list of investigations and projects.

From Quarks to Quasars is of interest to the general reader as well as to the undergraduate and sixth form physicist. It is a remarkable book which sets out to provide a completely non-mathematical description of modern physics, its principal ideas and the physicist's way of working. Astonishingly, the author achieves a high measure of success in a task which at first appears almost impossible.

Beginning with the election of the nucleus the author introduces the wide range of elementary particles which have been discovered or postulated during investigations into the complex sub-atomic world. He shows how these particles are elegantly explained in terms of the fundamental quark and, in the course of this survey, meanwhile introduces the notions of quantum mechanics, the Uncertainty Principle and wave functions. This leads to a discussion of the properties of solids, liquids, gases and plasmas which are explained in terms of the predictable behaviour of large collections of atoms. The final chapter is concerned with the wider application of physics to the universe and acquaints the reader with the quasars.

Within a brief and inexpensive book the author encompasses most fundamental of scientific queries. By carefully avoiding unnecessary jargon and by painstakingly explaining each new concept the author builds up an impressive picture of modern physics. In his self-imposed avoidance of mathematical formulation limits his range of description, but he still leaves his readers with a convincing and exciting picture which is more readable and honest than any comparable available elsewhere. It is an excellent book to give to embryo physicists.

Navigable Black Holes?

Patrick Moore on astronomy books for the library

The Structure of the Universe. By Jayant Narlikar. Oxford University Press £4.25. 19 217653 6. £1.95. 19 289082 4.

Space and Time in the Modern Universe. By P. C. W. Davies. Cambridge University Press £6.50. 521 21445 9. £2.95. 521 29151 8.

The Iron Sun. By Adrian Berry. Jonathan Cape £3.95. 224 01357 2.

All these three books deal with scientific topics which are very much in the news, although the first two are quite different from the last.

Jayant Narlikar, now carrying out his astrophysical research from Bombay, is probably best known for his theoretical work in conjunction with Sir Fred Hoyle, but *The Structure of the Universe* is aimed chiefly at the reader with limited knowledge. The title of the book is self-explanatory, and the subjects covered range from stellar evolution through galactic structure, Black Holes, the nature of gravitation, and theories of cosmology. More technical sections are separated out in "boxes".

There is much to be said in favour of this method, even though it does tend to break up the smooth reading of the main text; the main objection in this particular case is that the typeface used for the text and in the boxes are too alike, leading to possible confusion. Narlikar is bound to be prejudiced in favour of the particular theories which he has done so much to develop, but his book is admirably fair in its summing-up, and serious students will welcome it.

Space and Time in the Modern Universe is shorter, contains no photographs and is much more expensive, but it is excellently written. The subjects dealt with are necessarily abstruse, and nothing can make them really easy to understand from the layman's point of view; Davies manages as well as anyone could hope to do, and his book also will be welcomed by those readers who are prepared for hard concentration. (There are a few minor slips: for instance the distance of the Andromeda Galaxy is 2.2 million light-years, not 11.)

Both these books are written by eminent scientists who have themselves undertaken much original research, and have made major contributions to science. By contrast *The Iron Sun* comes from the pen of a science journalist who is by an means afraid to speculate. The main theme is that of Black Holes—those remarkable objects which have been so widely discussed during the past few years, and yet whose existence has never been definitely proved. Essentially, it is thought that a very old, collapsed star surrounds itself with a region from which nothing—not even light—can escape, because of the tremendous gravitational pull of the central star. Inside a Black Hole, all conventional laws of science break down; it has even been suggested that the collapsed star may eventually crush itself out of existence.

The first part of Adrian Berry's book consists of a general account of modern ideas about Black Holes. It is extremely lucid, and may be recommended as a first-class introduction to the subject. The second part enters the realm of speculation; will it be possible to transfer matter instantaneously by using a Black Hole as a kind of "tunnel", and in the future will it even be possible to construct a Black Hole in any chosen position, by using huge magnetic scoops to concentrate the matter which is spread through the Galaxy between the stars? Ideas of this kind sound like wild science-fiction in AD 1977, and indeed this is true; whether they will remain so in say AD 2977 is another matter. One must remember that the concept of television would have seemed equally far-fetched to King Canute. It is a measure of Berry's skill as a writer that he makes the idea of a "navigable Black Hole" seem almost credible even in our present stage of technological development.

If you are prepared for some hard concentration, and are interested in the overall problem of the universe in which we live, then read Narlikar or Davies—preferably both. If you have the urge to look into a future which may or may not become reality, then enjoy yourself with *The Iron Sun*.

This badger is one of the sketches and water colours used to decorate a new edition of Wind in the Willows, recently published by Michael Joseph at £6.50 with an introduction by Robert Dougall. Arnold Thorburn's "A Naturalist's Sketchbook" was first published in 1919 and he has since been recognized as an outstanding painter of birds and animals, combining scientific accuracy with artistic flair. Thirty years of the artist's work are represented in examples range from quick sketches to detailed paintings.

First aid

A Safety Handbook for Science Teachers (Second Edition). By J. Everett and E. W. Jenkins.

John Murray £2.60. 7195 3356.

The Health and Safety at Work Act 1974 has had important implications for science teachers, on the basis of which is the obligation and legal responsibility it places on individual teachers (as well as the Act. The compliance with the book takes revised edition of this book takes into account recent legislation and provides a general survey of potential laboratory hazards, both equipmental and techniques.

The book includes chapters on general laboratory safety, biological hazards, fire, first aid, the law for teachers, and a detailed bibliography of DES administrative memoranda, circulars and leaflets as well as a list of reference books. There is also a most helpful three-page appendix listing important hazards that have been reported in *School Science Review*.

Many sections (e.g. on the use of asbestos) have been updated, and several important new items such as waste disposal have been added. This would be a most useful book to have at hand in schools, and would be particularly valuable for new teachers entering the profession.

K. Wh...

Asking questions

Fay Humphreys on testers

Science Testers. By Mike Lyth.

Society and Man: Materials and Man: Biology of Man: An Item Writer's Handbook: Man and Government.

Hart-Davis Educational £1.35 each.

This collection of four books of coded-answer type questions aimed at pupils in the 13 to 16 age group following integrated / combined science courses is influenced with regard to philosophy and subject material by the Nuffield Secondary Science Project.

Accompanying the four books is an item writer's handbook which sets out very clearly a plan of action for writing good, meaningful objective items. It is a pity that it is not prescribed reading for everyone who has to assess attainment using this form of testing. It shows how varied the format of items within an objective test can be, and there is a useful linear programme tracing the history of one item in a test from its conception to its "polished" end form. There is also a straightforward account of what is involved in the analysis of results. Statistical analysis of the results, as presented by this author, is relatively painless, even to non-mathematicians who tend to look askance at what happens to their classes' raw scores after processing.

A section of the book is devoted to scaling and comparing marks achieved in different subjects—frequently a bone of contention among different departments in schools. This book is designed for the complete novice; there is even a sample answer grid with instructions to candidates.

The four books of tests cover areas of the Nuffield Secondary Science Project. They were not, in the first instance, designed as complete tests on particular sections of the work, but were rather a list of questions to prompt useful discussion or to precipitate further experimental investigation. The presentation is clear, and the author practises what he preaches in terms of variety within the framework of coded-answer questions.

I find myself wondering, however, how these books are to be used in class, other than as teachers' resource books. If they are distributed to the pupils, they will contain too much at one time on any one topic, and yet much of the material depends on the children's looking at photographs, complex diagrams, data lists, press cuttings. As there are no answers at the back of the science testers you will have to buy the "how to do it" item writer's book to get all the answers.

On the whole, though, these will be of great value to anyone involved with integrated science courses both south of the border and in Scotland where many of these items could well enliven parts of the Scottish Integrated Science Course.

Social arithmetic

Joyce Linfoot

A World of Mathematics: Maths on Target 2. By G. Marshall.

Nelson £2.00 (Teacher's book). £1.30 (Pupil's book).

Like the earlier volume (reviewed in *TES* on April 15, 1977) Book 2 of this series is concerned with "Social Arithmetic"; but here, while the arithmetic remains extremely simple, the subject-matter is much more sophisticated.

The topics have been chosen with an eye to 15 and 16 year olds about to leave school and ready, it is hoped, to learn about the calculations they will need to understand to run their own financial affairs. There are sections on wages, shopping and hire-purchase, rent and mortgages, insurance, taxes, banking and investment, and, to make the course more attractive, also on some leisure pursuits.

Given that the author's main assumptions are correct (that is, that such topics can hold the interest of 15 year olds and that the simplification of all the calculations is not too unrealistic), he has done his work efficiently. There are plenty of examples, and plenty of well-chosen diagrams, sketches and photographs. Unfortunately many photographic details have been lost, owing to the darkness of the printing. The main points are well put across, and the basic work is correct.

A few mistakes are to be found, but not everyone will think them important. For instance, high-tide at a given place is 50, not 40, minutes later every 24 hours. This might pass in Doncaster, but the book may be used by, say, Liverpool. Then again, although brokerage on the buying and selling of shares is explained, examples are set on the next page in which it is neglected in the calculation of profit. This, for a small transaction, can be very misleading.

Opinions will differ on the desirability of including a section on football pools. The author suggests that "acquaintance with the mathematical aspects of gambling should promote understanding of the subjects". But this is hardly a mathematical question.

Maths methods

F. W. Kellaway

Developments in Mathematics Teaching. By F. R. Watson Open Books £1.75. 7291 0080 4.

A recapitulation of what is going on in the fermeot of mathematics teaching could well remove some confusion. When it be presented by a writer of Mr Watson's experience and authority, it could also have a significant impact on future changes.

For further changes there will undoubtedly be. There have been projects galore (Mr Watson reviews the most important, critically but sympathetically). Traditional curricula and methods have been stigmatised as old-fashioned and out-of-touch with the needs of modern society, but few have queried whether to be old-fashioned is necessarily to be wrong; or whether education is only acceptable if it is useful. Examinations, the quality of the teachers of mathematics, and the attainment (or lack of attainment) of school leavers have all come under fire.

Mr Watson covers all these facets. He considers how the present situation has come about, how the "new" ideas were disseminated in a host of reports, how "the emphasis on understanding, discovery, pattern, structure" may have had an adverse effect on "manipulative and computational facility", and much more. He does not pretend to offer a blue-print solution, but he has gone further than perhaps even he realizes to put the problems in perspective and to stimulate fresh thinking towards their solution.

Oxford complete

The Oxford Comprehensive Mathematics series has already been commended at length in these pages. It is now completed by Book 5 for both the GCE and CSE courses (each £1.75) and the corresponding Teacher's Books (each £3.50). The quality of the work is thoroughly maintained and the Oxford University Press can take pride, with the authors, in this achievement.

F.W.K.

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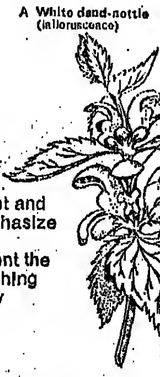

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Planet Earth

R. C. L. Wilson on geology

Continents in Motion: the New Earth Debate. By Wolter Sullivan. Macmillan £6.95. 333 21683 0.

Our Changing Planet. By John Gribbin. Wildwood House £5.95. 0 7045 0247 X.

These books examine the "new geology", heralded by one of its architects, the Canadian J. Tuzo Wilson (quoted in both of them), as a revolution in the earth sciences. Both authors are at pains to emphasize the significance the new order has for the search for raw materials. Thankfully neither book is yet another massive tome dreamed up by an American professor for his introductory geology classes. Although *Continents in Motion*, with its large format and 399 pages, gives the appearance that it might be. Neither author is a conventional academic. Walter Sullivan is science editor of the *New York Times* and John Gribbin spent five years on the editorial staff of Nature and was responsible for the daily science reports for *The Times*.

Our Changing Planet aims to give a knowledge of the workings of our planet. In only 165 pages it attempts to describe the origin of the solar system, the early history of the earth, the revolution of plate tectonics and its effect on locating energy and metal resources, the relationship between the earth's atmosphere, the solar wind and earthquakes, and finally tries to place our home planet into perspective by considering the geophysics of the other planets.

John Gribbin relies on the written word to do all this, and uses only 17 illustrations. Indeed, oil and gas reserves are discussed without any diagrams at all, and unfortunately the impression is given of oil deposits forming almost exclusively in piles of deltic sediments associated with salt domes—an unnecessarily simplistic picture, even allowing for the brevity of the whole book. Reserves of metal ores are discussed too, but only those found on the deep sea floors, either as nodules, or precipitated from Red Sea hot brines. There is no mention of the value of considering other types of ores in relation to the plate tectonic theory—a debate that is current among economic geologists, and that is relevant to many more resources than those discussed by Dr Gribbin.

At the end of chapter three, John Gribbin poses the question "Why did it take so long for earth scientists to accept the new ideas of continental drift?" but in later chapters he fails to convey the incredible sequence of events—and coincidences—that provided new information about the oceans, the earth's magnetic field, and earthquake patterns. However, the way Walter Sullivan recounts these events is both detailed and fascinating.

Continents in Motion lives up to the expectations raised by the dust-cover description that "the discoveries that led to the revolution are, in many cases, told in terms of those who made them—their hopes, adventures, pursuits of false leads, and final triumphs". Walter Sullivan's experience of seeing at first hand the story unfold comes through with conviction. The first part of *Continents in Motion* recounts the developments that led to plate tectonics in approximate chronological order, starting with a chapter about Alfred Wegener, continuing through the exploration of the oceans and the accumulation of geophysical evidence that led to the development of the concepts of seafloor spreading, and finishing in chapter nine with an account of the deep sea drilling project, the results of which finally converted all but the most extreme doubters. But there are some red herrings in the narrative, such as a discussion of the significance of frozen mammoths with fresh buttercups in their mouths.

Chapter six, *Magnetic Footprints*, gives an excellent summary, laced with personal quotations from the participants, of the way the changing polarity of the earth's magnetic field was linked to the magnetic properties of the ocean floors. The remaining 12 chapters develop the implications of the new concepts, discussing various topics such as "hot spots", evolution and changing geographies, mountain building (as a case study of the Appalachians), geothermal energy, and the significance of plate tectonics for man's search for physical resources.

Wolter Sullivan's book is well (but not over) illustrated, and includes 27 pages of references—testament to the authors' thoroughness—(although the text is free of cross references to them); in contrast, *Our Changing Planet* has but one page of references (and the reviewer's name omitted from the editorship of the first entry).

Continents in Motion provides a good introduction to the "new geology", but its particular merit is the background it gives to the revolution. Unfortunately geology has not had a Francis Crick to write a "Double Helix"—but Wolter Sullivan provides an historical account that teachers and sixth form pupils will find valuable. Regrettably, one cannot recommend *Our Changing Earth* so strongly, for its price (only one pound less than *Continents in Motion*) and brevity do not make it a good buy. Neither does its style; indeed it is impossible to say what kind of audience the author had in mind when writing the book.

Way the wind blows

P. A. Smithson reviews books for the library

Forecasts, famines and freezes. By John Gribbin. Wildwood House £4.95. 7045 0193 7.

Applied Climatology; an introduction (Second edition). By J. F. Griffiths. Oxford University Press £4.00. 19 859925 0.

"For any one piece of evidence, it's possible to find an 'expert' who will dismiss it as of no account. But this is just the kind of situation where narrow expertise is no use; what is needed is the broader view of a non-specialist, to show how the contributions from the various experts fit together." This extract from *Forecasts, famines and freezes* adequately summarizes the viewpoint of the author, who sets himself the task of providing this overview in terms understandable to the general public.

The book opens with a discussion of climatic "disasters" of the last decade, primarily in terms of their effects on agriculture and the resulting increases in production costs and decreased yields, but also in terms of their implications for world food supply and population growth. As this was written before the European droughts of 1975 and 1976 and the severe winter of 1976/77 in north-east America, these comments about the increasing variability of our climate are singularly relevant. Details of the world pattern of change in climate are included together with historical evidence of earlier changes. The remainder of the book is devoted to a consideration of possible causes of change and their climatic implications for the near future.

The information is presented in an interesting manner, but there is a danger that the reader will accept these ideas as the final and authoritative word on the subject. Gribbin does qualify many of his statements by saying that disagreement exists, but frequently only one side of the controversy is presented and as no bibliography is provided for any of the work quoted, it would be impossible for most readers to check either side of the argument. The text also abounds in short period correlations, for example "the levels of lakes in Africa seem to follow the solar cycle" (what the East African lakes appeared to do between 1900 and 1960, but subsequently), and unqualified statements such as "the global deterioration of climate means that we must get used to different foods entirely".

This is an interesting and thought provoking book, but the author emphasizes the sensational, and so where does he really distinguish between fluctuations and changes of climate.

Applied Climatology is entirely different. First published in 1966 it has been revised by the inclusion of two new chapters, an urban climates and climatic change, and partial revision of others. However the basic criticisms of the first edition must remain.

Despite its title, much of the book is about climate which has practical implications rather than in applications of climatology. Moreover, the first third of the book is devoted to pure climatology including 18 pages of climatic tables which could well be used to amply aspects which the title leads one to expect. But the author does state that "this is meant as an introductory text and one around which with the help of the references the lecturer can weave his own web of specialization or generalization".

If one accepts this, the book is quite useful but it leaves the teacher to do much of the literature searching; better books on this topic have been published since the first edition appeared.

Chemistry in perspective

Frederick Aicken

Chemistry Today. By Euon S. Henderson. Macmillan Educational £2.25 and £1.95.

Transition Element Chemistry. By J. N. King and P. McManus.

Heinemann Experimental Chemistry Series £1.25 (Teacher's guide £1.90).

New Worlds in Chemistry. By Martin Sherwood. Faber £6.95. 571 10753 2.

The ideal book on chemistry would combine the qualities of a good descriptive story with fresh reminders of the interconnectibility of the subject from the whole of our experience. Too often we get one without the other: just as the research chemist, understandably fascinated by the three-dimensional jigsaw clue to the molecular composition of a new compound, may overlook the concomitant responsibility to society, so the student may be educationally blinkered by the examination-conscious textbook.

In this respect *Chemistry Today* does not quite live up to its title; it offers numerous examples of the role of chemistry in our day-to-day lives but comparatively little about the pollutant effects of certain chemicals or the undesirable side-effects of insecticides, drugs or even detergents.

This is not so much a reflection on the author as on the examination syllabuses to which his book is so admirably geared; it has been described as a best-selling CSE textbook and it is easy to see why—the topics are well arranged, lucidly explored and neatly interwoven with questions to test pupils' understanding and to encourage them to draw their own conclusions. Indeed, as the author suggests, his book could form the basis of a GCE course; topics such as homologous series and the derivation of the structure of ethanol which are absent from the text could provide useful supplementary exercises in individual notebooks.

This book now appears in an economy edition (at a saving of 30p per copy) which, although slightly less attractive to look at and to handle, is equally easy to read and apparently just as robust as the standard edition.

The preface to the series of which *Transition Element Chemistry* is a recent addition emphasizes that the aim of practical work is to discover something and not merely to copy what has been done before. Each experiment in the new book is designed to conform with this laudable view of laboratory practice; the investigation or problem is stated, the procedure clearly described and a framework for subsequent discussion supplied. (The teachers' guide is helpful both as a reminder of certain practical points and as a further stimulus for discussion.) It is therefore strange that the introduction to the volume gives a detailed account of the atomic structure of the transition elements, that is, of the model devised to explain the very properties which the student is about to discover. It would have been preferable to lead the student to this model as the result of early investigatory experiments and to confirm the hypothesis by subsequent practical work.

The great importance of these metals in nature and in the economy of industrialized society is mentioned but not illustrated; the enterprising student must therefore seek appropriate background reading in order to put his discoveries into perspective. He could do worse than start with *New Worlds in Chemistry* which will give him a lively and stimulating background to his subject as well as a convincing justification for studying it. Martin Sherwood has succeeded in blending, particularly but not exclusively for the layman, the intellectual appeal of chemistry with its sociological importance. He has also produced a book which can be dipped into for ideas: a first attempt yielded Bernal's definition of life as "a partial, continuous, progressive, multiform and conditionally interactive, self-realization of the potentialities of atomic electron states"; a second exposed the flow-sheet of a possible scheme for the synthesis of "biological" molecules from hydrogen cyanide.

It was a fair sample. The chemistry of life is followed by the chemistry of death; there is a particularly good section on "industrious chemists" and the book ends, on the whole optimistically, with a look into the future. As one chapter heading puts it, chemistry is ubiquity and *New Worlds in Chemistry* provides an entertaining and informative guide. Not only for its intrinsic merits but as a supplement to the more academic textbook it is highly recommended for the chemistry department library.

Testing, testing

Peter Huw Morgan

Structured Questions in A level Chemistry. By J. R. L. Swain and J. S. Clarke. Hodder and Stoughton £1.75. 340 20831 7.

Multiple Choice Chemistry (Second edition). By O. J. Shipson. Edward Arnold £1.70. 7131 0130 X.

At A level, questions which involve the student in exploration of a topic and combine both an element of training with one of testing are most valuable. Science is concerned with asking the right questions, and good questions, like crossword puzzles, are harder to compile than to answer.

Messrs Swain and Clarke appear to have put a deal of thought into these 100 structured questions in A level chemistry. Each question consists of about nine subsidiary questions grouped about a central theme. The topics chosen vary from the familiar radioactivity to the less understood chemical constitution of the Jovian atmosphere and a third of the book is devoted to each of the three main areas of chemistry.

The authors recognize the importance of a sound base in physical chemistry and this is reflected in the whole text. Energetics, for example, is well treated. Plenty of numerical data is included and used. The inorganic section includes several items on periodicity, three questions on each of the periodic groups and several on coordination chemistry.

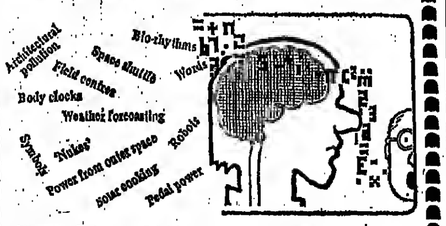
The organic section—apart from more classical examples—has items on polymers and physical methods. The authors include a mark scheme and some numerical answers and grade the questions according to the level of mental process required, although this classification is not rigorous. The nomenclature in this well-produced book is systematic and the units are those of the SI.

Mr Shipson intends that this second edition of his book should be for use by O level and CSE candidates. There are over 1,000 multiple choice questions varying in type from the simple single selection item to the more structured assertion/reason question. The single selection questions, which form the bulk of the book, are grouped under broad headings such as "The Fundamental Laws of Chemistry" and are mainly concerned with testing for specific factual knowledge.

The multiple completion, classification and assertion/reason questions are not grouped in any way. The book concludes with a short section based on several laboratory situations and answers are available upon request. There are some errors and misleading questions. The mass numbers and atomic number of the chlorine isotopes are the wrong way round, the reactivity of iron is not due to its variable valency and Al^{2+} is not incorrectly written but is unstable. The nomenclature is up to date with a few exceptions.

QUEST

A magazine of science, technology and your environment



These are just some of the fascinating topics which will be covered in MGP's new magazine — QUEST — due to be published this September.

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QUEST is written by experts in integrated and environmental science and pilot magazines have been thoroughly tested in many schools. It is edited by Mike Lyth (SCISP) and regular contributors include: BBC Science Producer — Peter Baker; Science Advisers — John Milbourn, Chris Elliott and Barry Blakeley; Teachers — Tom Duncan and Nina Sully.

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MGP

MARY GLASGOW PUBLICATIONS LTD, Brookhampton Lane, Kineton, Warwick CV35 0JB.

Life on earth

Harold W. Appleton

Human and Social Biology. By George Usher. Macdonald and Evans £1.95. 7121 0808 4.

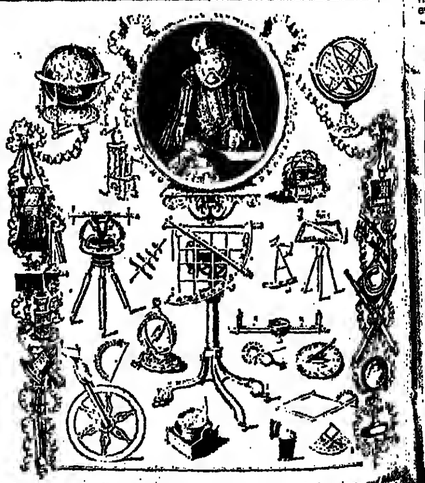
The author of this well-produced paperback states that its 14 chapters are grouped into three main sections: Man, the individual, Man in relation to other organisms, and Man and the community. The first of these sections occupies two thirds of the book, and is traditional human biology. The remainder covers such topics as the dependence of man on plants, and details of bacteria and viruses, fungi, etc, particularly those associated with man. Other topics include water, sewage, housing, air-pollution and finally community responsibility and care.

Each chapter has its "progress tests" and examination questions and there is an appendix dealing with multiple choice questions. Other appendices contain brief notes on important people in the history of biology, and a glossary of terms.

The style is somewhat condensed and telegraphic, for this author in a "special range to beginners" suggests that it is a working text to save the students the time of protracted note-taking. The material covers most O level and CSE syllabuses and would be valuable as a support to normal teaching. Line diagrams are clear and there are excellent drawings of the louse, bed-bug and flea.

Table five of geological periods and life on earth is somewhat incorrect in the "first appearance" column, and the nitrogen cycle diagram shows lightning converting nitrogen to nitrates and nitrites—presumably directly.

In spite of these minor points, the book will prove valuable for class purposes, for those teachers who prefer to use a book to supplement their own class teaching, rather than for general reference.



A detail from Dudley Adams's trade card. This and drawings and photographs of early scientific instruments appear in R. H. Nuttall's "Early Scientific Instruments" (Arthur Frank Inun Collection, 144 Ingram Street, Glasgow. G1 1EH. £1.50). Originally published as a catalogue, this provides much information to throw light on the history of science.

What is science?

F. W. Kellaway

The Nature of Science. By David Knight. André Deutsch £4.95. 233 96814 8.

A modest survey of the development since 1600 of science and scientific thought succeeds admirably where more elaborate studies might flounder in confusing detail or suspect philosophy.

Concentrating wisely on some main themes, David Knight, a university lecturer in the history of science, demonstrates teaching and literary skills of a high order. He considers science as an intellectual as social and practical activity. The complex interactions of these facets and the fashion in which the old certainties within science have been gradually lost during the past three centuries, provide a fascinating story.

Even the question "what is science?", is shown to have no simple answer, while the growth of a scientific community (with, as it were, the professional taking over from the gifted amateur), and the increasing importance of science in governments and industry provide stimulating chapters.

Meanwhile, the changes in, wrought by, science continue to accelerate. This review of past and present should appeal greatly to intelligent fifth or sixth formers and to their teachers.

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Science from Scotland

Harold Appleton on a new biological sciences project

The Science of Life. By the Strathclyde Biology Group.
John Murray and Blackie and Sons. Units 1 and 4 75p each, 2, 3, 5 70p each. Experimental Guide £1.10. Teachers' Resources Book £4.95. Technician's Manual £1.95.

The Strathclyde Project appears to be Scotland's answer to Nuffield, having a teacher's book of nearly 200 pages, pupil's units of 50-60 pages each, an experimental guide and a technician's manual of similar length. (A history of the development of the project was given prominence in a recent edition of *The TES*.) The material is based on the syllabus of the Scottish Certificate of Education, the full content of which I, as a mere Sassenach, must admit ignorance. For publication the material is claimed to be expanded to "take into account CSE and GCE courses".

The Teachers' Resources Book is said to provide material . . . particularly considering the needs of the non-specialist biologist who "may be in the position of having to teach a biology course". In places I would consider it as notes for the Honours graduate in biology—a list of 21 of the amino acids that occur in proteins, complete with their recognized abbreviations and their structural formulae. This is followed by "notes on nucleotides".

Before we have time to recover we are faced with three full pages of equations of a detailed breakdown of the path of glycolysis; details of the citric acid cycle; and photosynthesis—the Calvin cycle. Fortunately much of the remainder of the book is in a more reasonable vein. Some sections contain quite a useful amount of information—others are very sketchy.

The bibliographies are useful, but the book would have been more valuable had each section given a straightforward explanation of the objects of the work, together with practical notes on how to achieve them.

The technician's manual is certainly the best part of the whole project. There is a list of equipment required for each investigation, together with diagrams where necessary. This will save teachers much time usually spent writing out endless lists for the laboratory assistants; it is easy to forget that a thermometer or the odd extra beaker may be needed, and, as many schools seem to find it difficult to obtain really qualified laboratory staff, this book will prove invaluable.

The only confusing point is that some apparatus is listed to be put out in the laboratory, while the rest is left hidden, but at the ready, in the "central store". This, one assumes, is whisked out with the [illegible] of a conjuror at the moment of impact. Were these items [illegible] especially delicate or dangerous I could understand it. In this case delicate and expensive microscopes and equipment for their use are freely available in the laboratory, while in some cases, trowels, seeds or compost are to be kept hidden.

It would be helpful if, where applicable, warnings had been given for use of the technician concerning possible dangers and apparatus to be checked at the end of the lesson before the class leaves so that possible discrepancies can be dealt with immediately. A few first-aid hints would also be useful.

I am not at all clear why the experimental manual was ever written as a separate book. There is much duplication of information and of diagrams. Surely the appropriate instructions could have been included in the student's units. As it is, there is yet one more book for the pupil to carry around and possibly lose, while two books open on a bench use more space than one. It is more likely that questions or instructions may be missed switching from one book to another while working.

There are five student's units: Maintaining the species; Energy and life; Exchanging materials; Movement and control; and Interactions. There is nothing original in the selection of these topics. For a long time it has been popular to teach biology in this way, using living things as examples of the principles. As a result no complete individual is ever studied. The study of individual, representative, living things, particularly in relation to the habitat, is perhaps a more logical approach at this level. By careful teaching the important features of each can be emphasized, and drawn together as topics during the revision period at the end of the course.

The style of the student's texts is brief and abrupt, using words which could well be lost on average or less able pupils; it would be more suitable at A level. The text is a cross between a questionnaire and a work-sheet, often with little or no explanatory paragraphs. They could be used as homework books, as structured questions, after carefully planned teaching or experimental periods. The diagrams are generally good, though one chart, "Summary of digestion", is reminiscent of the wiring diagram for a modern car, thus making a difficult subject almost incomprehensible.

We are not told whether there are special courses in Scotland for teachers (as were common during the early days of Nuffield) so that all might be made clear. Certainly, faced with this material and a class of average children in an average comprehensive school, I would need very careful preparation to design lessons which would enable pupils to use the unit books adequately. "A non-specialist biologist", referred to in the group's preamble, would find the task insuperable.

As far as English schools are concerned, I cannot help feeling that Hadrian's Wall may be reasonably successful in keeping this material north of the border.

Birdwatcher's guide

Frank J. Thompson

Bird Count. A practical guide to bird surveys. By H. M. Dobinson. Kestrel Books £2.75. 7226 5153 8.

This book, the introduction informs us, is intended to help anyone who is interested in finding out more about wild birds "in a methodical and thorough way" and this it does. It opens with a lengthy chapter on identification with drawings and simple notes on the 60 common species. Most of these drawings are good, but an indication of scale would have been useful.

Further chapters deal with ways in which birds can be studied—counting birds in an area or areas, census work, nest surveys (here the book treads on dangerous ground and children using this section should be informed of the Protection of Birds Acts), seawatching (observing and recording the movements of birds over the sea from a suitable locality on land), checks of roosts, recording migration, ringing, sky watching, daily record sheets etc.

This useful guide to birdwatching projects and census work is strongly recommended for use in the secondary school; each chapter is clearly written and well illustrated with black and white sketches of birds, scenic views, graphs and diagrams. The book is completed by an extensive bibliography, a reading list of papers and journals, and details of national societies concerned with bird studies.

The living world

Focus on Biology. Edited by C. D. Gould.
Wheaton £1.60. 8020592 9

Focus on Biology joins many other texts for CSE and O level, and claims to cover "the large core of material common to all syllabuses". It is prepared in the same large sized, soft-covered form made popular some years ago, with large, clear type and few pages without at least one diagram.

There is a superb full page colour photograph of a dissected rat, with a smaller black-and-white photo of a reasonably similar dissection facing it, to which labels have been added. This latter is rather less clear, as highlights and shadows make the detail harder to distinguish. Brocklehurst and Ward, Maud Jepson, Fritsch and Salisbury and several other well-known authors are acknowledged for the use of some of their better and well recognized diagrams.

The contents follow a traditional pattern: The living world, cells, tissues and organs, food and nutrition in animals, how plants feed, etc, and there is a useful glossary at the end. The chapter on evolution is rather disappointing—there is a distinct lack of explanation. The traditional picture of Darwin's finches could have been used to illustrate adaptive radiation, but the author merely states that "they differ in sizes and shapes of beaks and feed on different food". The chapter rambles on, but gets nowhere. The study as a whole, however, is worth careful consideration among the vast array of textbooks available in this field.

H. W. A.

Spotted

Animal Coloration. By Ivan Heráň, Hamlyn £2.50. 600 30303 9.

The author of this interesting book, realizing that man orientates himself in a world of colours and forms by visual impressions, sets out to explain in straightforward language the function of coloration in the animal world, admitting at the same time that there are wide gaps in our knowledge.

Two basic functions of colour are camouflage and warning. The striping of the zebra would seemingly render the animal very conspicuous yet experienced hunters have readily spotted other game but failed to see zebras which were much closer. One has only to watch a tabby cat disappear into the shadows of a bush to understand that conspicuous markings are not always what they seem to be. Warning coloration exhibited by some animals carries the simple message, "don't try to eat me; I taste terrible". These are but two examples taken from the many with which this book is filled.

The text and illustrations are first class; and, despite the surprising lack of an index, it could provide useful student reading; this subject, studied for more than a century and with a formidable accumulated literature, is usually only briefly dealt with in textbooks.

R. C. Vernon

Among contributors to the Extra:

William Cleghorn lectures at the David Livingstone Institute of Overseas Development Studies, at the University of Strathclyde.
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P. A. Smithson lectures in the department of geography at the University of Sheffield.
Fay Humphreys teaches at Jordanhill College of Education, Glasgow.

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SECONDARY
English
continued from page 36

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Mixed: 1,600 (11-18)
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For details, telephone 0602 [illegible]
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Required September 1977, TEACHER for ENGLISH/HUMANITIES (Scale 1)
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Apply by letter to the Headmaster at the school giving names and addresses of two referees.

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COUNTY COUNCIL
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(Roll 1,827)
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Headmaster: Mr. K. J. Sheppard
Required for September, 1977, an ambitious TEACHER of ENGLISH, Scale 1, able to make a substantial contribution within a large department. Chantry accepted its first comprehensive intake and starts its Sixth Form in September, 1977.
Apply immediately by letter in the first instance with curriculum vitae and the names and addresses of two referees to the Head at the School (stamped addressed envelope please).

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Headmaster: Mr. H. K. Wilking
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ENGLISH
Required for September, 1977, a RESIDENT ASSISTANT MASTER to teach ENGLISH in this wholly boarding school for 220 normal boys aged 11 to 16 years.

A Scale 1 post is available in the first instance, but this may be reviewed, with an additional non-superannuable allowance of £675 per annum for out of classroom responsibilities. Free board and lodging available for a single man and free accommodation for a married man.
Application forms and further particulars may be obtained from the Head of the school to whom completed application forms should be returned.

SUTTON
(London Borough of)
CARSHALTON HIGH SCHOOL FOR BOYS
Winchcombe Road, Carshalton SM5 1RW
Tel.: 01-644 7526
Required September, 1977—Scale 1. Well qualified TEACHER of ENGLISH for this six-form entry 11-18 school. Some examination work available. Also extra curricular interests. Very suitable post for a first appointment.
Applications to Headmaster in first instance.

SUTTON
(London Borough of)
GREENSHAW HIGH SCHOOL
Grennell Road, Sutton, Surrey
Headmaster: Mr D. R. Wellock, B.Sc., M.A., FIMIS
Required for October 1st, a full-time TEACHER of ENGLISH in this flourishing mixed comprehensive school (1,180 on roll, 150 in Sixth Form). English is taught up to and including "A" level. In the first instance this post will be temporary for a term with a strong possibility of becoming permanent. There is a possibility of supply work for September.
Apply by letter to Headmaster giving curriculum vitae and names and addresses of two referees as soon as possible. London weighting £207.

SUTTON
(London Borough of)
FAIRVIEW HIGH SCHOOL
The Chase, Wallington
TEACHER required for September to share in the teaching of ENGLISH throughout this three-form entry 11 to 16 year mixed school. Main second subject if offered. Scale 1.
Apply by letter with curriculum vitae and two referees to the Headmaster.

WAKEFIELD (City of)
(Metropolitan District Council)
CASTLEFORD HIGH SCHOOL
(Mixed Comprehensive 1,350 pupils)
Required for September, MASTER/MISTRESS for ENGLISH. The subject is taught in teams composed almost entirely of English specialists. All members of the department are encouraged to play an active role in planning and evaluation of work.
AIRE DALE HIGH SCHOOL
(Mixed 12-18 Comprehensive 1,350 on roll)
Required for September, ASSISTANT TEACHER (Scale 1) to teach DRAMA/ENGLISH at C.S.E. and non-examination level.
Requests for application forms and further details (accompanied by a stamped addressed envelope) should be addressed to the Education Department, 8 Bond Street, Wakefield, to be returned as soon as possible.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The Borough is within easy access of Central London and bordered by Epping Forest. London Addition to salary payable.
Required for September, 1977—CARDINAL WISEMAN R.C. SENIOR HIGH SCHOOL
Shernhall Street, London, E17 9HT
Headmaster, Mr. A. Isaac, M.Sc.
ENGLISH TEACHER with enthusiasm required for this mixed R.C. Comprehensive Senior High School (800 on roll, 14-18 years) to teach up to C.S.E. and "O" level, with possibility of "A" level if desired. Ability to teach some Religious Education an advantage. Please state subsidiary subjects.
Application forms obtainable on receipt of a stamped addressed envelope from the Chief Education Officer, London Borough of Waltham Forest, Municipal Offices, High Road, Leyton, London, E10 5QJ.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The Borough is within easy access of Central London and bordered by Epping Forest. London addition to salary payable.
Required for September, 1977.
WALTHAMSTOW SENIOR HIGH SCHOOL
Church Hill, London E17 9RZ
Head Teacher, Mrs. U. Beaumont, B.A.
ENGLISH TEACHER, GRADUATE preferred, to teach throughout to C.S.E., "A" level and take a full share in the work of the Department in this Girls' comprehensive Senior High School (800 on roll 14-19 years).
Application forms obtainable from the Head Teacher on receipt of a stamped addressed envelope.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The borough is within easy access of central London and bordered by Epping Forest. London addition to salary payable.
Required for September, 1977 —
WILLIAM MORRIS SENIOR HIGH SCHOOL
Folkestone Road, London E17 9QU
Headmistress, Mrs. J. Cowell, B.Com., M.Phil.
ENGLISH and DRAMA TEACHER (part-time)—approximately half-time, required to take English in the fourth year with students preparing for C.S.E. and O level or C.S.E. Mode III and Drama in fourth and fifth years working towards a Mode III examination.
Please apply by letter in the first instance to the Head Teacher giving the names of two referees and enclosing a stamped addressed envelope.

WEST SUSSEX
COUNTY COUNCIL
MID-SUSSEX AREA
FOREST SCHOOL FOR BOYS
Comptons Lane, Horsham, West Sussex
Required September, ENGLISH TEACHER, Scale 1, to teach across full ability range and to play a full part in house and school activities.
Apply by letter to Headmaster, giving full details of qualifications and experience and the names of two referees.

WILTSHIRE
SHELDON SCHOOL
Chippenham
(Group XI)
(Comprehensive, mixed; roll September, 1977, 1,300)
Required for September, 1977, a qualified GRADUATE to teach ENGLISH throughout the school. The person appointed should be willing to show initiative and share ideas as a member of a strong, enthusiastic team. Courses to C.S.E., "O" and "A" level.
In accordance with the policy of the Loc. Education Authority the appointment is initially a temporary one for one year.
The school is in a splendid parkland setting: Bath 13 miles, M4 3 [illegible]
Letter of application with curriculum vitae and referees to the Headmaster, Sheldon School, Hardenhuish Lane, Chippenham, Wiltshire SN14 6HJ, by Friday, 24th June, 1977.
Applicants who have not been called for interview by 1st July, 1977, should assume that the post has been filled.

Geography

Heads of Department

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
MAIDSTONE DIVISION
OLDBOROUGH MANOR SCHOOL
Boughton Lane, Maidstone
(1,300 mixed)
TEACHER to take charge of GEOGRAPHY throughout the school. Well established courses lead to C.S.E. and G.C.E. "O" level. Required for September.
Application form and further details available from the Headmaster (stamped addressed envelope).

SUFFOLK
FELIXSTOWE COLLEGE
Suffolk IP11 7NQ
(Public boarding school: 330 girls: 95 in Sixth)
Wanted for September, qualified GRADUATE as HEAD OF GEOGRAPHY DEPARTMENT. Non-resident post, Burnham Scale II, Government Superannuation.
Applications, as soon as possible, by letter (no forms), to the Headmistress, giving curriculum vitae and names of two referees.

Other Posts on Scale 2 and above

EALING
(London Borough)
EDUCATION SERVICE
DORMERS WELLS HIGH SCHOOL
Dormers Wells Lane, Southall
Middlesex UB1 3HZ
Required for September, 1977, TEACHER of GEOGRAPHY to work within progressive humanities faculty. Visits and field study expeditions are a regular feature of the work. Pupils prepared for C.S.E., G.C.E. "O" and "A" level examinations.
A Scale 2 post is available to a suitably qualified and experienced person, but newly qualified teachers may apply.
London Weighting £402 plus Social Priority Allowance.
In appropriate cases, subject to conditions, assistance may be granted for legal fees for house purchase, removal expenses, lodging allowance and travel expenses whilst looking for accommodation.
Applications by letter to the Head at the school (stamped addressed envelope) or S.T.A.P., Telephone: 01-574 6797.

Scale 1 Posts

BARKING
(London Borough of)
WARREN COMPREHENSIVE SCHOOL
Whalebone Lane North, Chadwell Heath, Romford
(Roll 1,180)
Required for September, 1977—GEOGRAPHY, well qualified GEOGRAPHY SPECIALIST to teach the subject in "A" level. Scale 1.
London Addition £402 per annum. Reimbursement of removal expenses in approved cases.
Application form available (stamped addressed envelope) from Head Teacher, returnable by 7th July, 1977.

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
ROTHERAM HIGH SCHOOL
Rotheram Avenue, Luton, Bedfordshire LU1 5PP
Headmaster, Mr. M. D. Taggart, M.A.
Required for September, 1977, TEACHER to teach principally GEOGRAPHY at all levels in the school, but also to be able to offer some History and Religious Education in an integrated humanities course. Scale 1.
Application forms obtainable from and returnable to the Headmaster (stamped addressed envelope, please).
Some assistance with accommodation may be possible.

BRENT
(London Borough of)
BRONDESBURY AND KILBURN HIGH (UPPER) SCHOOL
Salusbury Road NW6 6PE
(Roll 800, 11-18, comprehensive. Social Priority School)
Required from September:—TEACHER of GEOGRAPHY (Scale 1). This is a subject taught within the Faculty of Social and Environmental Studies including History, Geography, Economics, Social Studies and Religious Education. Ability to offer Geology an advantage. This is an enthusiastic, forward-looking faculty within a school which, following reorganization in 1977, is growing by successive year intakes. It is expected that there will be a Sixth Year from September, 1978. Informal visits prior to application welcomed.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.
Candidates should apply by letter to the Head of the school within seven days giving age, present post, qualifications, experience and referees.

BUCKINGHAMSHIRE
MILTON KEYNES DIVISION
LORD GREY SCHOOL
Bletchley
(Group 11 Comprehensive)
TEACHER, Scale 1, required for September 1977.
For full details see Secondary Education, History Section, Scale 1 posts.

CHESHIRE
CREWE & NANTWICH DISTRICT
SHAVINGTON SCHOOL
Rope Lane, Shavington, Nr. Crewe
TEACHER of GEOGRAPHY required from September, 1977.
Application forms and further details are available from the Head Designate. Closing date: July 8, 1977.

CROYDON
(London Borough of)
STANLEY TECHNICAL HIGH SCHOOL
South Norwood Hill
London, S.E.25
Telephone: 01-771 8061
Tenable: 1st September 1977
GEOGRAPHY TEACHER required to join lively Social Studies Department in this 14 to 18 High School. Full range of examination undertaken: C.S.E. to "A" level.
Salary: Burnham Scale I (STAP) with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from (and returnable to) the Head Teacher at the above address as soon as possible.

DEVON
EAST VALE COMMUNITY COLLEGE
(Roll, 60[illegible])
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER for GEOGRAPHY, with subsidiary HISTORY or RELIGIOUS EDUCATION. The person appointed will be expected to teach to "O" level. Scale 1 post.
The successful applicant will be expected to take up appointment in September 1977.
Application forms (stamped addressed envelope please) from Headmaster, Exe Vale Community College, Station Road, Broadclyst, Exeter, Devon, returnable by 8th July, 1977.

HAMPSHIRE
THE HENRY BEAUFORT SCHOOL
Harestock, Winchester
11 to 18 Comprehensive Mixed
(Roll 1,[illegible])
GEOGRAPHY to C.S.E. and "O" level, temporary until August 31, 1978 in first instance.
Scale 2 available.
Curriculum vitae, two referees, stamped addressed envelope to Head.

HERTFORDSHIRE
QUEENS SCHOOL
Manor Way, Croxley Green, Rickmansworth
(Roll 950, mixed, all ability, 120 in Sixth Form)
Required September, TEACHER of GEOGRAPHY to share in the work of the department to C.S.E., "O" and "A" level. Geography is taught as part of an integrated humanities course in the junior school and then as a separate discipline. Active interest in field work is essential.
Apply to Headmaster with brief details of qualifications and experience, giving names and addresses of two referees.

HUMBERSIDE
EDUCATION DEPARTMENT
EAST RIDING DIVISION
BEVERLEY HIGH SCHOOL
[illegible]
Norwood, Beverley HU17 9EX
Group 10. Number on Roll 800
Years 1 to 3 comprehensive; 4 and 7 selective, developing into an 11 to 18 four-form entry girls' comprehensive.
GEOGRAPHY, Scale 1.
Required for September, 1977, a GRADUATE to teach GEOGRAPHY throughout the school, including Advanced level work. An interest in Economics would be an advantage.
Application forms are available from the Headmistress at the school (send stamped addressed envelope), to which completed forms should be returned by 4th July, 1977.

HUMBERSIDE
EDUCATION DEPARTMENT
EAST RIDING DIVISION
HEADLANDS SCHOOL
Sewerby Road, Bridlington
GEOGRAPHY—Scale 1 post.
Required for September, 1977, a TEACHER of GEOGRAPHY to join a team of five teachers, in this 11 to 18 comprehensive school to work mainly in 11 to 14 age range. An interest in Geology will be an additional recommendation.
Application forms are available from, and returnable to, the Headmaster at the school.
Closing date for applications: 4th July, 1977.

HUMBERSIDE
COUNTY COUNCIL
EDUCATION DEPARTMENT
KINGSTON UPON HULL DIVISION
ANDREW MARVELL HIGH SCHOOL
Barham Road, Kingston upon Hull
Head: Geoffrey Dawoon, B.A.
Required for September, 1977, a TEACHER of ENGLISH with some GEOGRAPHY. Both departments are well established and teach to C.S.E., "O" and "A" level. The post will involve some mixed-ability work in English, and assistance with the established programme in Geography. Candidates may expect to teach the whole range of ability in either subject.
This is a mixed comprehensive school for 1,800 pupils aged 13 to 18 years.
Application forms, available from the Head, should be returned by 4th July.

KENT
DANE COURT TECHNICAL HIGH SCHOOL
Broadstairs Road, Broadstairs, Kent
Six-form entry co-educational selective school with 1,100 pupils (over 200 in the Sixth Form). Modern well equipped buildings on a pleasant site of 27 acres. Courses for "O" and "A" level of the Associated Examining Board.
Required for September, 1977, ASSISTANT to teach GEOGRAPHY with a few periods of MATHEMATICS. Graduate preferred. Scale 1 post, suitable for college leaver.
Apply to Headmaster, giving two referees.

KIRKLEES
METROPOLITAN COUNCIL
HONLEY HIGH SCHOOL
Station Road, Honley, Huddersfield HD7 2QT
(1,300 pupils, 11 to 16, over 200 in sixth form)
Required for September, 1977: TEACHER of GEOGRAPHY, Scale 1, including work to C.S.E. and possibly "O" level and help with Environmental Studies in the first and second forms. An interest in fieldwork is essential.
Application by letter to the Head Teacher with names of two referees.

LANCASHIRE
HAZEL GROVE HIGH SCHOOL
Jacksons Lane, Hazel Grove, Stockport
Required for September, TEACHER of GEOGRAPHY, Scale 1. Graduate Geographer with interest in fieldwork and physical geography to teach at all levels in this mixed 11 to 18 Comprehensive of 1,650 students.
Application forms from Director of Education, Town Hall, Stockport, quoting reference 500 TES and return to the Head Teacher by 8th July, 1977.

LIVERPOOL
STANLEY PARK COMPREHENSIVE (GIRLS) SCHOOL
Priory Road, Liverpool L4 2SL
ASSISTANTS for GEOGRAPHY, Scale 1 (two posts). Required for September 1977.
Application forms obtainable from (stamped addressed envelope) and returnable to the Head Teacher at the school. Please quote references P & M 331 (b) and P & M 332 (b).

LONDON, E.C.2
CENTRAL FOUNDATION BOYS' GRAMMAR SCHOOL
Cowper Street, London EC2A 4AP
(Near Old Street Station)
Required to begin in September a TEACHER of GEOGRAPHY in this three form entry voluntary aided boys school. Central Foundation is at present a grammar school which will admit its first all ability intake into the first year in September, 1977.
The post could be for either one or two days a week, by agreement, and the teaching commitment would be in the middle and junior school. Applicants are invited to state whether they can also offer to teach a second subject.
Please apply by letter only to the Headmaster, giving full details of experience and qualifications and the names and addresses of two referees.

NEWHAM
(London Borough of)
EASTLEA SCHOOL
Hilda Road, London E16 [illegible]
(Roll 1,351. Co-educational.)
Head Teacher: Mr D. T. Taite
Required September, 1977
Temporary TEACHER of GEOGRAPHY for one term. Scale 1 post.
Burnham Scales plus London Allowance £402 plus Social Priority Allowance £201 or £276.
Application forms may be obtained from the Head Teacher (tel. 01-511 0230), to whom they should be returned by 1st July, 1977.

NEWHAM
(London Borough of)
LANGDON SCHOOL
Sussex Road, London E6 2PS
(Roll 1,900. Co-educational)
Head Teacher: Mr. D. C. Hackman, M.A.
Required September, 1977: TEACHER of GEOGRAPHY, Scale 1. To teach initially mainly in Lower School (11 to 14) with some opportunity for examination work. There are large geography rooms and aids include ancillary staff, audio-visual, video and reprographic facilities. The Authority has its own Field Studies Centre near the Essex Coast.
The school is a mixed comprehensive occupying modern buildings on a single 45-acre site with its own playing fields. Sixth Form 180.
Burnham Scale plus London Allowance £402.
Full details and application forms are available from the Head Teacher (Tel.: 01-471 2411).
Applications should be returned to the school by 8th July, 1977.

NORTHAMPTONSHIRE
HENRY GOTCH SCHOOL
Deeble Road, Kettering, Northants, NN15 7AA
Required for September, 1977, a TEACHER of GEOGRAPHY (Scale 1), graduate if possible, in this mixed comprehensive school (roll 1,040). Ability and willingness to teach throughout the 11-16 age range, including C.S.E. groups, essential. Ability to help with first year History would be useful but not essential.
The school took in its first fully comprehensive intake in September, 1976.
Further details and application forms from Headmaster (stamped addressed envelope).

SHEFFIELD
EDUCATION COMMITTEE
ASHLEIGH SCHOOL
Gleadless Road, Sheffield S10 2QR
(11 to 18 Comprehensive)
Required for September, a GRADUATE to teach GEOGRAPHY throughout the school up to "A" level. Economics as a subsidiary subject would be an advantage. Scale 1.
Application forms are available from the Headmaster, to whom they should be returned within 14 days of the appearance of this advertisement.

History

Heads of Department

ESSEX
LOUGHTON COUNTY HIGH SCHOOL
Alderton Hill, Loughton
(Roll 622)
Telephone: 01-508 1173
HEAD OF HISTORY AND SOCIOLOGY
(Scale 3)
Required for September 1977 or January 1978 to organise the subjects in this three-form entry Grammar School (reorganisation effective from 1978). Courses presently operating to "A" level and university entrance.
Application forms and further particulars may be obtained from the Head of the school, to whom completed application forms should be returned.
Closing date: 12th July. (stamped addressed envelope please).

HAVERING
(London Borough of)
EDUCATION DEPARTMENT
ST. EDWARD'S SCHOOL
London Road, Romford, Essex
(Roll 1,097; co-educational)
C. of E. Aided Comprehensive situated in modern buildings on one site.
Required January, 1978 — HEAD of HISTORY Department, Scale 3. A flourishing department of four full-time staff, teaching to "A" level, "O" level and C.S.E. An experienced and successful teacher is sought.
There is a scheme for removal expenses.
Letters of application to the Head Teacher giving full curriculum vitae and quoting two referees.

Scale 1 Posts

AVON COUNTY
BACKWELL SCHOOL
Backwell, Bristol BS19 3PB
A purpose built eight form entry, 11 to 18 Mixed Comprehensive School of 1,400 pupils, situated only six miles from Bristol and 13 from Weston-super-Mare.
HISTORY post.
Scale 1.
HISTORY SPECIALIST required for September, 1977, to teach History initially to the first five years in the school. Prospect of future sixth form teaching.
Further details and application forms may be obtained from the Headmaster, returnable within 14 days. Preference will be given to Avon candidates.

BERKSHIRE
WINDSOR GRAMMAR SCHOOL
Maidenhead Road, Windsor
(Roll 650 boys)
For September, to teach HISTORY to "O" level and C.S.E. Please indicate subsidiary subjects, willingness and ability to assist with out-of-school activities (outdoor pursuits, cricket, athletics) will be an important consideration.
London Fringe Allowance £150. Lodging allowances and removal expenses scheme in operation.
Apply immediately with details to the Headmaster naming two referees (stamped addressed envelope). Closing date July 11, 1977.

BRENT
(London Borough of)
CARDINAL HINSLEY CATHOLIC BOYS HIGH SCHOOL
Harlesden Road, NW10 3RN
(Roll 860, 11-18, six-form entry in September)
Required in September:—TEACHER of HISTORY (Scale 1)—Up to C.S.E. and "O" level work in possibility of "A" level work in the future. A willingness to teach Classical Studies to mixed ability first year necessary.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.
Candidates should apply by letter to the Head of the school within seven days, giving age, present post, qualifications, experience and references.

SECONDARY
History
continued

BUCKINGHAMSHIRE
MILTON KEYNES DIVISION
(1) LORD GREY SCHOOL
Bletchley
(Group 11 Comprehensive School, approximately 1,000 on roll—Sixth Form of 120)
SCALE 1 POST, required for September, 1977. Applications are invited from persons able to offer any combination of HISTORY/MUSIC/GEOGRAPHY. It is expected that about half of a teaching timetable would be occupied by each of the two subjects.
Application by letter, giving full personal details, curriculum vitae and the names and addresses of two referees to the Head, Mr. J. Wemyss-Holden, B.A., The Lord Grey School, Bickley Lane, Bletchley, Milton Keynes MK3 6EW.
(2) RADCLIFFE SCHOOL
Wolverton
(1,400 boys and girls)
Required for September, a TEACHER of HISTORY (Graduate preferred) to take the subject throughout the school. The person appointed will also have the chance to join the team teaching General Studies in the Sixth Form.
The post of House Tutor at the school's small Boarding House is also available for a suitable candidate and applicants are asked to say if they are interested in this position. Free board and lodging will be given in return for help with the supervision and welfare of 32 boys and girls in the House.
Application forms and further details about the school may be obtained from the Head, Mr. W. B. Orchard, M.A., The Radcliffe School, Wolverton, Milton Keynes, MK12 5BT.
Both the above schools are situated in the designated area of the new city of Milton Keynes, and the Development Corporation is making a number of houses for rent available to teachers appointed to schools within the designated area. Subject to the County Council's regulations removal expenses up to £166 and board and lodging allowances will be payable.

CHESHIRE
CREWE & NANTWICH DISTRICT
SHAVINGTON SCHOOL
Rope Lane, Shavington, near Crewe
TEACHER of HISTORY required from September, 1977.
Application forms and further details are available from the Head Designate. Closing date: 8th July, 1977.

CUMBRIA
EDUCATION COMMITTEE
TRINITY SCHOOL
Carlisle
Headmaster:
B. W. Williams, M.A.
(C.E.: Controlled: 11-18)
Comprehensive: Roll 1,761)
Required for September, 1977, a TEACHER of HISTORY with some non-linguistic CLASSICAL STUDIES to Junior forms. This will be a temporary full-time post for one term only.
Letters of application (no forms) together with the names of two referees should be sent to the Headmaster, Trinity School, Carlisle, CA1 1JB, as soon as possible.

DERBYSHIRE
EDUCATION COMMITTEE
ILKESTON SCHOOL
King George Avenue, Ilkeston, Derbyshire
800 Boys and Girls
Required for September, 1977 or as soon after as possible HISTORY GRADUATE teacher able to offer some Geography and Girls' Games.
Apply to Headmaster giving names of 2 referees.

DEVON
PLYMPTON SECONDARY SCHOOL
Moorland Road, Plympton
Plymouth
Required September, 1977, a TEACHER of HISTORY and ENGLISH in the Lower School with First Year Integrated Studies in Humanities. Scale 1.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

EALING
(London Borough)
EDUCATION SERVICE
Required for September, 1977, Supply TEACHER qualified to teach HISTORY at
WALPOLE HIGH SCHOOL
(1,300 mixed, 12-18 years)
Bengarth Road, Northolt, Middlesex UB5 5LQ
Applications from college leavers would be welcomed.
Salary pro-rata to Scale 1/ Less 5on Weighting £402.
Letters of application, which should include age, qualification and the name and address of one educational referee, to be returned to the Head Teacher at the school as soon as possible. (Stamped addressed envelope.)

HILLINGDON
(London Borough of)
GREENWAY SCHOOL
The Greenway, Uxbridge, Middlesex UB8 2PJ
(Number on roll 873, 88 in Sixth Form)
Head Teacher: S. C. Firth, M.A., B.Sc.
TEACHER of HISTORY required for September, 1977, able to offer the subject from years one to five.
Application forms from and returnable to the Head Teacher. Please enclose a stamped addressed envelope.
London Allowance Payable.

HOUNSLOW
(London Borough of)
EDUCATION COMMITTEE
Education Department, The Civic Centre, Lampton Road, Hounslow, TW3 4DN
SYON SCHOOL FOR BOYS
London Road, Isleworth, TW7 5AR
Headmaster: Mr. G. C. J. Golding
Number on Roll 880, rising to 900, age range 11-18 years Comprehensive School
Required for September, 1977:—TEACHER for HISTORY and some ECONOMICS up to "O" level. Applications are invited from experienced teachers or those seeking their first appointment.
London Allowance £207 payable.
If you are seeking your first appointment, please state, so that the appropriate form may be sent.
Closing date: Monday, 4 July, 1977.

The Education Committee has power to consider applications from experienced teachers for assistance towards removal, disturbance or separation expenses.
Letters of application in the first instance to the Head Teacher of the school, giving details of qualifications and names of two referees (stamped addressed envelope, please).

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
MEDWAY DIVISION
ROCHESTER, BEDE SECONDARY (MIXED) SCHOOL
Carnarvon Road, Wallise Street, Strood
Required for September, a TEACHER for HISTORY and SOCIAL STUDIES. This is an eight-form entry school with excellent facilities, opened in 1969. Applications from students about to complete their training will be welcome.
Please apply to the Headmaster giving full details—two referees.

LIVERPOOL
HILLFOOT HEY COMPREHENSIVE (BOYS) SCHOOL
School Lane, Liverpool L25 7UB
Required for September, 1977, ASSISTANT for HISTORY. Scale 1. Graduate preferred, some Latin an advantage.
Application forms obtainable from (stamped addressed envelope) and returnable to the Head Teacher at the school. Quote reference P & M 330 15.

LONDON, S.W.6
ST. MARK'S C.E. COMPREHENSIVE SCHOOL
Bishops Avenue, London, S.W.6.
Headmaster, Dr T. Harper Smith
HALF-TIME TEACHER required for HISTORY in September next.
Application (no form) to the Headmaster at the school.

NEWHAM
(London Borough of)
TRINITY SCHOOL
Barking Road, London E16 4DD
(Roll: 1,040 boys)
Headmaster: Mr. D. L. Johnson, B.Sc.(Econ.)
Required September, 1977, A temporary TEACHER of HISTORY for one term to fill a vacancy in the History Department. Scale 1 post.
Burnham Scales plus London Allowance £402 plus Social Priority Allowance £201 or £276.
Application forms may be obtained from the school (Tel.: 01-476 0618).
Visits by prospective applicants welcomed.
Completed application forms should be returned to the school by 8th July, 1977.

REDBRIDGE
(London Borough of)
CATERHAM HIGH SCHOOL
Caterham Avenue, Clayhall, Ilford IG5 0QW
Telephone number: 01-551 4416
Head, Mr. P. E. A. Birchmell, B.A.
Suitably qualified TEACHER of HISTORY and RELIGIOUS EDUCATION (Scale 1) required for September, 1977, in this 11 to 18 mixed Comprehensive School. Initially the major part of the timetable would be allocated to History, but approximately one-third of the time would be spent in the strong Religious Education Department. Both subjects are taught to examination levels. [illegible] first appointment. Outer London allowance is payable.
Further details and application forms available from the Headmaster, or S.T.A.P., to be returned as soon as possible.

REDBRIDGE
(London Borough of)
BEAL HIGH SCHOOL
Woodford Bridge Road, Redbridge Ilford IG4 5LP
Telephone number 01-550 2735
Head: Mr M. J. Manuel, M.A.
Suitably qualified GRADUATE TEACHER of HISTORY (Scale 1) required for September 1977 to join a strong Department in a developing mixed 11 to 18 comprehensive school. There is a specialist History room. The successful candidate will be required to teach up to C.S.E. "O" level in the first year of the appointment. Outer London Allowance is payable.
Further details and application forms available from the Headmaster, or S.T.A.P. To be returned as soon as possible.

SHROPSHIRE
EDUCATION COMMITTEE
THE GRANGE SCHOOL
Worcester Road, Shrewsbury
Required September/January, HISTORIAN to work throughout the school to external examination level.
Applications by letter direct to the Headmaster immediately.
Further details from Head Teacher/Principal (stamped addressed envelope).
Applicants must state if they are related to any member of the appointing body or to any member of the Shropshire County Council. Canvassing will be a disqualification.

WAKEFIELD (City of)
METROPOLITAN DISTRICT COUNCIL
AIREDALE HIGH SCHOOL
Required for September, 1977, ASSISTANT TEACHER (Scale 1) to teach HISTORY and GEOGRAPHY to C.S.E. and non-examination classes. An interest in fieldwork would be an advantage.
Requests for application forms and further details (accompanied by a stamped addressed envelope) should be addressed to The Education Department, 8 Bond Street, Wakefield, to be returned as soon as possible.

EDUCATION COMMITTEE
DYFED County Council

Yn eisiau erbyn Medi 1af 1977.
YSGOL PENBOYR V (A) P (Grwp 3)
Athraw/Athrawes i gymryd gofal o ddosbarth y Babanod. Rhaid i'r ymgeisydd llwyddiannus allu dysgu drwy gyfrwng y Gymraeg. Bydd y gallu i chwarae'r piano yn gymhwyster ychwanegol. Fe ddylai'r ymgeiswyr fod yn gymwys o'r Gymraeg fel iaith Anglicanaidd. Swydd Gradd 2.
Gellir cael ffurflen gais ar dderbyn amlen gyda chyfeiriad a stamp arni oddi wrth y Swyddog Addysg Rhanbarthol, 1 Heol Penlan, Caerfyrddin, a dylid eu dychwelyd erbyn 11eg Gorffennaf 1977.

Yn eisiau erbyn Medi 1af 1977.
YSGOL GYNRADD ROCH
Athraw/Athrawes gyda chymwysterau a phrofiad i ddysgu Cymraeg fel ail iaith a Cherddoriaeth. Swydd Gradd 2.
Fe fydd hi yn llawn o waith ac yn gydweithio gyda'i chydweithwyr yn y Graddfa 1.
Gellir cael ffurflen gais ar dderbyn amlen gyda chyfeiriad a stamp arni oddi wrth y Swyddog Addysg Rhanbarthol, Bocs 18, St. Thomas Green, Hwlffordd, a dylid eu dychwelyd erbyn 11eg Gorffennaf, 1977.

Required for 1st January, 1978.
LLANGENNECH C.P. INFANT SCHOOL
Head Teacher (Group 4). Successful applicant must be thoroughly bilingual as the school is linguistically streamed.
Application forms are available on receipt of a stamped addressed envelope from the Director of Education, Education Department Headquarters, Pibwrlwyd, Carmarthen, and should be returned by 11th July, 1977.

Yn eisiau erbyn 1 Ionawr 1af, 1978.
YSGOL GYNRADD SIROL Y BABANOD LLANGENNECH
Prifathro/Athrawes (Grwp 4). Rhaid i'r ymgeisydd llwyddiannus fod yn drwyadl ddwyieithog ddwyieithog gan fod yr ysgol wedi ei ffrydio o ran iaith.
Gellir cael ffurflen gais ar dderbyn amlen gyda chyfeiriad a stamp arni oddi wrth y Cyfarwyddwr Addysg, Adran Addysg, Pibwrlwyd, Caerfyrddin, a dylid ei dychwelyd erbyn 11eg Gorffennaf, 1977.

RHANBARTH CEREDIGION
YSGOL GYNRADD FERWIG
Athro/Athrawes (Grwp 1)
[illegible]
Gellir cael ffurflen gais ar dderbyn amlen gyda chyfeiriad a stamp arni oddi wrth y Cyfarwyddwr Addysg, Adran Addysg, Pibwrlwyd, Caerfyrddin, a dylid ei dychwelyd erbyn 11eg Gorffennaf, 1977.

NI CHANIATEIR CANFASIO.
MILFORD HAVEN GRAMMAR SCHOOL
Coeducational—approx 750 on roll
Required for September next, for one year in the first instance, an Assistant Master/Mistress to teach Physical Sciences and Mathematics up to "O" level standard. This would be a good opportunity for a newly qualified graduate, or college of education student.
Applications (no forms) by letter, including the names and addresses of two referees, and should be returned by the 11th July, 1977, to the Headmaster at the school.

ALBION SQUARE C.P. INFANTS' SCHOOL
Pembroke Dock
Required for 1st September, 1977.
Experienced Assistant Teacher, Scale 1, to take charge of the Nursery Class. Ability to play the piano would be an advantage.
Application forms may be obtained on receipt of a stamped addressed envelope, from the Area Education Officer, G.P.O. Box 18, St. Thomas' Green, Haverfordwest, and should be returned not later than 11th July, 1977.

Canvassing directly or indirectly will disqualify.
HENRY D. THOMAS, Director of Education, Education Department Headquarters, Pibwrlwyd, Carmarthen, Dyfed.

Humanities

Heads of Department

SUNDERLAND
(Borough of)
EDUCATION DEPARTMENT
FARRINGDON SCHOOL
(Group 11)
Allendale Road
Sunderland SR3 3EL
Tyne and Wear
Eight-form entry, 11 to 16 comprehensive
HEAD of HUMANITIES FACULTY, Scale 5, required for January, 1978. The person appointed will be expected to organise Field and Local Studies Courses and to co-ordinate the work in Geography, History and Religious Education. Courses leading to C.S.E. and "O" level G.C.E. are already established. An extension to the building is to be completed by September which will include a Humanities Suite.
Application forms and further details are available from the Headmaster on receipt of a stamped addressed foolscap envelope. Closing date 10 days from the appearance of this advertisement.
Removal expenses and temporary lodging allowance may be granted in appropriate circumstances.

Other Posts on Scale 2 and above

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
ELLIOTT DURHAM COMPREHENSIVE SCHOOL
Ransom Road, Mapperley
Nottingham NG3 3HN
Headmaster: J. W. Davies, O.A., Mixed: 950
For September, or as soon as possible, TEACHER (Scale 2) to play a major role in the Humanities course in Upper School (C.S.E. Mode 3) and to develop links with the community. S.P.A. payable.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

Scale 1 Posts

ESSEX
BARSTABLE SCHOOL
(Roll, 1,460)
Timberlog Close, Basildon, SS14 1UX
Tel.: Basildon 553091
HUMANITIES
(GEOGRAPHY with HISTORY and/or other HUMANITIES subjects.) Geography is taught throughout the school using the joint 16 plus examination scheme and at "O" and "A" levels. History is on a somewhat different basis. Interest in an interdisciplinary approach (an integrated Humanities Course with team teaching operates in years one and two) would be an advantage. Area Allowance £150.
Apply by letter (full details including referees) to the Headmaster.

REDBRIDGE
(London Borough of)
LOXFORD HIGH SCHOOL
Loxford Lane, Ilford, IG1 2UT
Telephone: 01-553 2424
Head: Mr R. N. M. Markarian B.D., M.A., F.R.S.A.
Required September 1977: TEACHER for HUMANITIES/ENGLISH (Scale 1).
Application forms available from the Head Teacher, or S.T.A.P., to be returned as soon as possible.

Mathematics

Heads of Department

DERBYSHIRE
SELPER SCHOOL
(13 to 18; nine-form entry fully comprehensive school, opened in 1973, with community provision; vertical house system).
For January 1978, HEAD of MATHEMATICS DEPARTMENT (Scale 4). To co-ordinate work at all levels: "O", "A" and Mode 3 C.S.E. including courses in Statistics and Computer Studies. Skill and interest in individual, group and class methods and appreciation of the mathematical needs and potentialities of all abilities essential.
[illegible]

DEVON
ST. THOMAS HIGH SCHOOL
Exeter
14 to 16 years comprehensive)
[illegible] are invited from suitable persons for the post of ASSISTANT TEACHER to be HEAD OF STUDIES. Poor responsibility for day-to-day routine. It is hoped that candidate will make contribution to the [illegible] offer Mathematics as [illegible] subject. Senior Teachers' Scale.
The successful applicant will be expected to take up the appointment in January, 1978.
Application forms (stamped addressed envelope, please) from Headmaster, St. Thomas High School, Cowick Lane, Exeter, returnable by 1st July, 1977.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
MAIDSTONE DIVISION
THE ASTOR OF HEVER SCHOOL
Oakwood Road, Maidstone.
(860 mixed)
High School with comprehensive lower school, C.S.E., internal and G.C.E. "O" level courses.
Applications invited from well experienced GRADUATES for the post of HEAD of the MATHEMATICS DEPARTMENT (Scale 3 or 4 depending upon experience). This is a challenging post in a new school and someone with imaginative flair, organising ability and a sense of discipline is looked for to lead this developing department. It will be helpful, but not essential, for candidates to have experience of the Kent Mathematics project.
Applications with curriculum vitae and naming two referees initially by letter to the Headmaster (stamped addressed envelope).

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
HARRY CARLTON COMPREHENSIVE SCHOOL
Lantern Lane, East Leake
Loughborough, Leicestershire LE12 6QN
Headmaster: A. D. Armstrong, B.A.
Mixed: 900 (11-18)
For January or sooner, HEAD of MATHEMATICS (Scale 4) Sixth Form Courses already in existence.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

REDBRIDGE
(London Borough of)
MAYFIELD HIGH SCHOOL
Goodmayes Lane, Goodmayes
Ilford, IG3 9PX
Telephone: 01-590 1317
Head: Mr. D. C. Vines, B.Sc.
[illegible] TEACHER of MUSIC (Scale 3) required for September 1977 as Head of Department in this new 11 to 18 mixed Comprehensive school. The person appointed will be given every support to develop the subject according to the candidate's interests and inclinations. A new music suite is being built at the Upper School.
Outer London Allowance is payable.
Further details and application forms are available from the Headmaster at the address above.

Other Posts on Scale 2 and above

SURREY
EDUCATION COMMITTEE
THE BISHOP WAND C. OF E. (AIDED) SECONDARY SCHOOL
Layton's Lane, Sunbury-on-Thames Middlesex
Required for January, HEAD of MATHEMATICS, Scale 4, of this all-ability, 11 to 18 coeducational school which opened in 1969 (660 on roll, 120 in Sixth Form), able to teach up to A Level and University entrance and to give an enthusiastic, experienced lead to this strong Department. SMP syllabuses. Mathematics staff, with computer and teaching machines.
Fringe London Allowance; generous relocation expenses in approved cases.
Applicants should be in complete sympathy with the Christian ideals of the School.
Details and application form from the Headmaster, D. G. Jones, M.A.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The Borough is within easy access of Central London and bordered by Epping Forest.
London addition to salary payable.
CHAPEL END HIGH SCHOOL
Roberts Road, London, E17 4LS
Headmaster: Mr. E. W. Browne
Required for September 1977 or January 1978: HEAD of MATHEMATICS (Scale 3) to lead a strong department in this mixed Comprehensive High School (630 on roll: 11 to 14 years). Vacancy due to promotion.
Application forms and further details obtainable from the Head Teacher on receipt of a stamped addressed envelope.

WILTSHIRE
EDUCATION COMMITTEE
WOOTTON BASSETT SCHOOL
Lime Kiln, Wootton Bassett
Swindon, SN4 7HD
(11 to 18 Comprehensive School for 1,400 pupils)
Required for January 1978: HEAD of MATHEMATICS (Scale 4) for this 11 to 18 Comprehensive School. Classes in first three years are taught in mixed ability groups using materials developed by the departmental staff. S.M.P. to "O" level and C.S.E. There is a growing Sixth Form with "A" level work already established.
Vacancy due to promotion.
Further details and application form from the Headmaster (stamped addressed envelope, please).

Other Posts on Scale 2 and above

AVON COUNTY
NORTH YATE SECONDARY SCHOOL
Yate, Bristol, Avon
Required for September, or as soon as possible, TEACHER of MATHEMATICS. Well qualified and enthusiastic teacher for this new school opening in September, 1977, with a first year intake only. Scale 2 or 3 for suitable candidate who would be expected to make a significant contribution to this developing school.
Application by letter to Mr. R. B. Grist, Adviser for Mathematics, P.O. Box 57, Avon House North, St. James Barton, Bristol BS99 7EB, with full details of qualifications, experience and names of two referees. Please enclose stamped addressed envelope.

READING (Berks)
(London Borough)
EDUCATION SERVICE
DORMERS WELLS HIGH SCHOOL
Dormers Wells Lane, Southall, Middlesex.
(Mixed; 12 to 19 comprehensive, 1,360 on roll)
Required for September 1977:
Second in MATHEMATICS Faculty, Scale 3. Pupils are prepared for examinations in C.S.E. Arithmetic, Mathematics and Further Mathematics, Statistics and Computer Studies; at "O" level in Mathematics, Additional Mathematics and at "A" level in Mathematics. The work in Computer Studies is being expanded and there is ample opportunity for innovation and development within this large forward-looking Department.
London Weighting £402 plus Social Priority Allowance.
In appropriate cases, subject to conditions, assistance may be granted for legal fees for house purchase, removal expenses, lodging, subsistence and travel expenses whilst looking for accommodation.
Applications by letter enclosing full curriculum vitae to the Head at the school (stamped addressed envelope) (telephone: 01-574 6727).

EAST SUSSEX
CHAILEY SCHOOL
(Comprehensive) 11 to 16: 470 pupils)
Required from January 1978, MATHEMATICS TEACHER (Scale 2 for suitable applicant) to be Second in a growing department.
Scheme of relocation grants available in approved cases.
Application forms and further details from the Headmaster, Chailey School, Mill Lane, South Chailey, Lewes, BN8 4PU (stamped addressed foolscap envelope).

HARINGEY
(Borough of)
HORNSEY SCHOOL FOR GIRLS
Inderwick Road, London, N.8
(1,450 pupils, 260 in the sixth form)
The School moved into new buildings in 1971.
Required for September:
Well qualified GRADUATE MATHEMATICS TEACHER.
The School follows the S.M.P. syllabus and the subject is taught to C.S.E., G.C.E. "O" and "A" level. There is a computer link with Middlesex Polytechnic. Scale 2 available for suitably qualified and experienced candidate. Please apply direct to the Headmistress at the School, quoting two referees.
Removal expenses, 100 per cent allowed. London Allowance (£402) payable.
Chief Education Officer, Education Offices, Somerset Road, N17 9EH.

HARROW
EDUCATION COMMITTEE
Applications are invited from suitably qualified TEACHERS for the following post:
GAYTON HIGH SCHOOL
Gayton Road, Harrow
(01-427 3950)
Required for September, 1977, a TEACHER of MATHEMATICS to teach the subject throughout the school to "O" level G.C.E. standard. An essential qualification is a thorough knowledge of the SMP course. Applications are invited from both experienced and newly qualified teachers; for a suitably qualified and experienced candidate a Scale II post may be available.
Gayton High School is a 12-16 comprehensive boys High School and has a long tradition of academic excellence (not least in Mathematics). A sincere belief in comprehensive education and a willingness to take part in the general life of the school is essential.
Application form from and to be returned to the Head of the School as soon as possible. Please enclose stamped addressed envelope.

KNOWSLEY
(Metropolitan Borough of)
ST. DOMINIC'S R.C. COMPREHENSIVE SCHOOL
Lordens Road, Liverpool L14 0UU
(1,075 boys and girls, 11-18) S.P.A. payable
For January 1978 (or Sept 1977 if possible) SECOND in Department of MATHEMATICS, Scale 3. Experienced TEACHER required to teach to all levels and share the organisation of the Department.
For application forms send stamped addressed envelope to The Rt. Rev. Mgr. P. Whitty, St. Dominic's Presbytery, Southdown Road, Liverpool, L14 8UF, to whom completed forms should be returned.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The Borough is within easy access of Central London and bordered by Epping Forest.
London addition to salary payable.
LEYTON SENIOR HIGH SCHOOL FOR GIRLS
Colworth Road, London, E11 1JD
Headmistress:
Dr. A. M. Black, D.Sc.
Required for January 1978 a MATHEMATICS TEACHER (Scale 2). Well qualified and experienced teacher required as Second in the Mathematics Department in this Girls' Comprehensive Senior High School (700 on roll: 14 to 18 years). As well as teaching to "A" level, particular responsibility for curriculum development work is envisaged, both in Mathematics and possibly in Computer Education.
Application forms obtainable on receipt of a stamped addressed envelope from the Head Teacher.

Scale 1 Posts

BARKING
(London Borough of)
PARSLOES MANOR COMPREHENSIVE SCHOOL
(Roll 1,450)
Parsloes Avenue, Dagenham.
Required for September 1977:
MATHEMATICS—to teach the subject throughout the school. Scale 1. London Addition £402 p.a.
Social Priority Schools Allowance.
Reimbursement of removal expenses in approved cases.
Application form available (stamped addressed envelope) from the Headteacher, returnable by 7th July, 1977.

BARNET
(London Borough of)
FINCHLEY CATHOLIC HIGH SCHOOL FOR BOYS
Woodside Avenue, Finchley, N.12
Tel.: 01-445 2884
Voluntary Aided
Roll: 1,104
Required September 1977:
GRADUATE to share in teaching MATHEMATICS, including Sixth Form work. Ability to help with games desirable though not essential. Scale 1.
Schemes for payment of removal expenses and separation allowances in approved cases.
Further details and application form from Headmaster (stamped addressed envelope).
Director of Educational Services.

BERKSHIRE
MEADWAY COMPREHENSIVE SCHOOL
The Meadway, Tilehurst, Reading.
For September to teach MATHEMATICS throughout this mixed comprehensive school, roll 1,000.
Lodging allowance and removal expenses schemes in operation.
Application forms obtainable from and returnable to the Headmaster (stamped addressed envelope). Closing date 11th July, 1977.

BEXLEY
(London Borough of)
CHISLEHURST AND SIDCUP GRAMMAR SCHOOL
(Group 11, Roll 1,000)
GRADUATE TEACHER of MATHEMATICS required for September 1977 or January 1978. Opportunity to work at all levels in an academically strong Department. Scale 2 post for suitably qualified candidate.
London Additional Allowance £207. Assistance with removal expenses, legal fees and disturbance allowance can be considered.
Application forms available from and returnable to: Chief Education Officer (for Schools 1/7), Town Hall, Crayford, Kent. A stamped addressed envelope (foolscap) should be sent with the request for an application form. If acknowledgment is required a further stamped addressed envelope should be enclosed. No further communication will be made unless applicants are called for interview.

BRENT
(London Borough of)
NEASDEN HIGH (MIXED) SCHOOL
Quainton Street, NW10
(6 form entry 11 to 18. Roll at present 650, 11 to 17. New school; opened 1975; Stage 2 now being completed. Excellent facilities. The school has had good standards so far and hopes to maintain them as it grows to full size.)
Required in September MATHEMATICS TEACHER (Scale 1). To offer also some Commerce or Geography during the coming year.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees etc., travelling and lodging allowances.
Candidates should apply by letter to the Head of the School within 7 days giving age, present post, qualifications, experience and referees.

BUCKINGHAMSHIRE
WYCOMBE DIVISION
SIR WILLIAM BORLASE'S SCHOOL
Marlow
Founded 1624
(Roll 630 boys: 150 in Sixth Form)
Headmaster: R. R. Smith, M.A.
Required for September 1977 TEACHER of MATHEMATICS.
Removal expenses (up to £150) and housing allowance pending removal are payable in approved cases.
Applications by letter to the Headmaster as soon as possible.

CAMBRIDGE
ST. MARY'S CONVENT
MATHEMATICS GRADUATE, with at least two years teaching experience, required from September for grammar school of 600 pupils. The person appointed will share in the teaching of the subject throughout the school to A level. Modern Mathematics essential. Burnham Scale 1/2 according to qualifications.
Apply with full details and names of two referees to Headmistress.

SECONDARY
Mathematics
continued

CHESHIRE
EDUCATION COMMITTEE
WADE DEACON HIGH SCHOOL
Birchfield Road, Widnes WA8 7TD
(11-18 Comprehensive)
Required for September 1977:
TEACHER of MATHEMATICS. There are opportunities of teaching up to "O" and C.S.E. level; knowledge of S.M.P. would be an advantage.
Further details and application forms are available from the Headmaster.

CREWE AND NANTWICH DISTRICT
SHAVINGTON SCHOOL
Rope Lane, Shavington, Near Crewe
TEACHER of MATHEMATICS required from September, 1977.
Application forms and further details are available from the Head Designate. Closing date: 8th July, 1977.

CROYDON
(London Borough of)
HALING MANOR HIGH SCHOOL
Kendra Hall Road
South Croydon, CR2 6DT
Tel.: 01-681 1141
Tenable: 1st September, 1977.
Full-time TEACHER of MATHEMATICS graduate preferred. Excellent department, mixture of modern and traditional methods. "O" level and C.S.E. Strong discipline in the school.
Salary: Burnham Scale 1 with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form (STAP) from and returnable to the Head Teacher at the above address as soon as possible.

CROYDON
(London Borough of)
LANFRANC HIGH SCHOOL
Mitcham Road, Croydon, CR0 3AS
Tel.: 01-684 1230
Tenable: 1st September, 1977.
A TEACHER of MATHEMATICS required in this 11-18 Mixed Comprehensive School. Some computer studies would be an advantage (link in school). Teaching all ages all levels up to G.C.E.
Salary: Burnham Scale 1 with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from and returnable to the Head Teacher at the above address as soon as possible.

CUMBRIA
EDUCATION COMMITTEE
DOWDALES SCHOOL
Dalton in Furness, Cumbria LA15 8AH
(11-16 mixed: Comprehensive: Roll 1,060)
Headmaster, Mr. M. A. Turner, M.A.
Required for September, 1977, an enthusiastic and imaginative TEACHER for MATHEMATICS, Scale 1, to be a member of a well run department of eight and to contribute especially in its programme of remedial teaching. The post is particularly suitable for a teacher with junior training or experience.
Application by letter to the Head, with names of two referees and a stamped addressed envelope, as soon as possible.

DEVON
SOUTHWAY SCHOOL
Rocknold Avenue, Southway, Plymouth
(Comprehensive, co-educational: 1,700 on roll)
Required for temporary full-time appointments from September for Autumn term only.
(1) TEACHER for MATHEMATICS and STATISTICS to "A" level. S.M.P. Mathematics is taught throughout the school. A good statistical qualification is essential.
(2) A TEACHER for MATHEMATICS to C.S.E. Scale 1. Experience in S.M.P. or a modern syllabus is essential.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

DEVON
SOUTHWAY SCHOOL
Rocknold Avenue, Southway, Plymouth
(Comprehensive, co-educational: 1,700 on roll)
Required for a permanent appointment from September, a TEACHER for MATHEMATICS. Scale 1. Experience in S.M.P. or a modern syllabus is essential.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days of this advertisement's appearance.

DEVON
ST. PETERS C. OF E. SECONDARY SCHOOL
Wyndham Square, Plymouth
Required for September, a TEACHER for MATHEMATICS to O.S.E. level. Scale 1. Please state other interests.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

DEVON
TEIGNMOUTH COUNTY SECONDARY SCHOOL
West Lawn
TEACHER, Scale 1, required September to teach MATHEMATICS to C.S.E. Help with Games an advantage.
Application forms from Headmaster (stamped addressed envelope) returnable by 8th July, 1977.

DORSET
ST. ALDHELM'S SECONDARY MODERN SCHOOL
Sherborne
Roll: 740, 11-16. Co-educational
Required September:
TEACHER of MATHEMATICS at all levels throughout the school. Assistance with removal and legal expenses.
Apply, with full curriculum vitae, by letter to Headmaster.

DURHAM
COUNTY COUNCIL
WINGATE SECONDARY SCHOOL
600 on roll
MATHEMATICS, Salary Scale 1. TEACHER required for September, 1977, or as soon as possible thereafter. Ability to teach Biology would be an advantage.
Stamped addressed envelope for application form to Area Education Office, Brasside Lane, Easington, Peterlee, Co. Durham.
Closing date for receipt of applications 11th July, 1977.

EAST SUSSEX
COUNTY COUNCIL
HOVE ARK
KNOLL BOYS' SCHOOL
(650 on roll)
Old Shoreham Road, Hove
Sussex
Required for September, 1977:
A TEACHER of MATHEMATICS. Help with Games or another academic subject would be useful. Applications from new entrants to teaching will be welcomed.
Further particulars and application forms from the Headmaster to whom they should be returned without delay.

ENFIELD
(London Borough of)
EDUCATION COMMITTEE
AYLWARD SCHOOL
Silbury Way, London N18 1SX
(Group 11 (eight-form entry) mixed comprehensive school. Roll 1,250 rising to 1,350)
Telephone: 01-803 6334
Required for September, 1977, an enthusiastic TEACHER of MATHEMATICS to join a strong department. Modern Mathematics is taught throughout the school, mainly S.M.P. together with the recent introduction of an individual learning project S.M.I.L.E.
The post involves teaching across the whole of the ability range to pupils aged 14 years and upwards. Some Sixth Form work is available for a suitable applicant. Subsistence allowances in addition to the Scale 1 Post.
Temporary housing (up to two years), 100 per cent removal expenses (£400 maximum), relocation costs and lodging allowance where appropriate.
Application forms (stamped addressed foolscap envelope) obtainable from the Headmaster to whom they should be returned as soon as possible.

HAMPSHIRE
MILLBROOK SCHOOL
Green Lane, Southampton SO9 3SS
(13 to 16 mixed comprehensive number on roll 1,100)
Required for September:—
Scale 1—MATHEMATICS.
Apply by letter to Head by July 1.

HAMPSHIRE
THE WILDERN SCHOOL
Hedge End, Southampton SO3 4EJ
(11 to 16 comprehensive mixed 1,081 on roll)
MATHEMATICS.
Curriculum vitae and two referees to Head with stamped addressed envelope.

HARINGEY
(Borough of)
HORNSEY SCHOOL FOR GIRLS
Inderwick Road, London N8
1,450 pupils, 260 in the Sixth Form
The School moved into new buildings in 1971.
Required for September:
Well qualified GRADUATE MATHEMATICS TEACHER.
The School follows the SMP syllabus and the subject is taught to C.S.E., G.C.E. "O" and "A" level. There is a computer link with Middlesex Polytechnic.
Please apply direct to the Headmistress at the School, quoting two referees.
Removal expenses, 100 per cent allowed. London Allowance (£402) payable.
Chief Education Officer, Education Offices, Somerset Road, N17 9EH.

HARROW
EDUCATION COMMITTEE
PINNER SIXTH FORM COLLEGE
GRADUATE TEACHER of MATHEMATICS or MATHEMATICS/PHYSICS.
See under Sixth Form and Tertiary Colleges, Scale 1.

HAVERING
(London Borough of)
EDUCATION DEPARTMENT
Required September 1977:
BRITTONS SCHOOL
Roll: 1,343, Co-educational
Ford Lane, Rainham, Essex
11-18 Comprehensive situated on one site.
TEACHER of MATHEMATICS. Schemes cover traditional S.M.P. to C.S.E., "O" and "A" level. Scale post available also suitable for first appointment.
THE CHAFFORD SCHOOL
(roll: 900. Co-educational
Lambs Lane, Rainham RM13 9XD
TEACHER for S.M.P. MATHEMATICS to take the subject throughout the school in a flourishing and well equipped Department. Sixth Form work for suitable applicant. Scale post available. This is a rapidly growing school with opportunities for professional advancement, situated on edge of Green Belt mid-way between London and Southend.
There is a scheme for removal expenses.
Letters of application to Headteacher concerned giving full curriculum vitae and quoting two referees.

HERTFORDSHIRE
COUNTY COUNCIL
EAST HERTS DIVISION
THE JOHN WARNER SCHOOL
Stanstead Road, Hoddesdon
(Co-educational, 870 on roll)
Qualified TEACHER for MATHEMATICS required September. Candidates should have a sound knowledge of S.M.P. to examination level. A new classroom block under construction includes a suite of Mathematics rooms. Applicants should be willing to teach a little General Science. London Weighting £150 per annum.
Please apply immediately to the Headmaster, with curriculum vitae, stating interests and quoting two referees, with status.

HERTFORDSHIRE
COUNTY COUNCIL
THE SIR FREDERIC OSBORN SCHOOL
Herns Lane, Welwyn Garden City
Headmaster: Mr. H. R. Tregunna, M.A.(Cantab.)
TEACHER of MATHEMATICS. Scale 1, required for September in this six-form entry Comprehensive School with a large Sixth Form.
Applications in writing to the Headmaster at the school, citing two referees and giving curriculum vitae.

HOUNSLOW
(London Borough of)
EDUCATION COMMITTEE
EDUCATION DEPARTMENT
The Civic Centre, Lampton Road, Hounslow TW3 4DN
SYON SCHOOL FOR BOYS
London Road, Isleworth TW7 5AR
Headmaster: Mr. G. C. J. Golding
Number on roll 880, rising to 900
Age range 11-18 years
Comprehensive School
Required for September 1977:
A TEACHER of MATHEMATICS up to "O" level.
Applications are invited from experienced teachers or those seeking their first appointment.
London Allowance £207 payable.
If you are seeking your first appointment, please state, so that the appropriate form may be sent.
Closing date: Monday, 4th July, 1977.
The Education Committee has power to consider applications from experienced teachers for assistance towards removal, disturbance or separation expenses.
Letters of application in the first instance to the Head Teacher of the School, giving details of qualifications and names of two referees, (stamped addressed envelope, please).

HOUNSLOW
(London Borough of)
EDUCATION COMMITTEE
Education Department,
The Civic Centre, Lampton Road
Hounslow TW3 4DN
CHISWICK SCHOOL
Burlington Lane, Chiswick W4 3UN
Headmaster: Mr B. S. Burrell O.Sc.
(Co-educational 11-18 age range, Group 13—10 Form Entry)
Required from September 1977:
A MATHEMATICS TEACHER (Scale 1 Post) to join a lively department teaching C.S.E., "O" and "A" level standards. There is also a Computer Course. There is a Mathematics Laboratory in the Lower School and S.M.P. is taught throughout the School.
Applications from newly qualified teachers and those with Middle School training would be welcomed.
London Allowance £207 payable.
If you are seeking your first appointment, please state, so that the appropriate form may be sent.
Closing date: Friday, 1st July, 1977.
The Education Committee has power to consider applications from experienced teachers for assistance towards removal, disturbance or separation expenses.
Letters of application in the first instance to the Head Teacher of the school, giving details of qualifications and names of two referees (stamped addressed envelope, please).

HUMBERSIDE
EDUCATION COMMITTEE
GRIMSBY DIVISION
MATTHEW HUMBERSTONE SCHOOL
Chatsworth Place, Cleethorpes
(Roll 1,715)
Required for 31st August 1977:
MATHEMATICS TEACHER to join large and successful department. A share of the Sixth Form work could be available to well qualified candidate. A modified form of the School Mathematics Project is followed throughout the school.
Application forms and further information obtainable from the Headmaster of the school to whom they should be returned within 10 days of the appearance of this advertisement.

HUMBERSIDE
EDUCATION COMMITTEE
GRIMSBY DIVISION
THE WALTHAM TOLL BAR SCHOOL
New Waltham, Grimsby
(Roll 1,180)
Headmaster: L. K. Drake
M.A., F.R.G.S.
Required for 31st August 1977 a lively and enthusiastic well qualified TEACHER of MATHEMATICS capable of teaching all ages and all abilities in a large department which is based in its own suite of rooms, one of which contains a computer terminal.
Enthusiasm and a willingness to play a full part in a large school are sought.
This is a Comprehensive School in very modern purpose-built premises in a rural area surrounded by open fields. It serves the delightful area from the Lincolnshire Wolds to the East Coast.
Application forms and further information obtainable from the Head Teacher at the school (or s.t.a.p.) to whom they should be returned within 10 days of this advertisement.

HUMBERSIDE
EDUCATION COMMITTEE
SCUNTHORPE DIVISION
BAYSGARTH SCHOOL
Barrow Road, Barton-on-Humber
Headmaster: H. N. Sullivan
Required for Autumn Term 1977, in this 11 to 18 Comprehensive School, a TEACHER of MATHEMATICS, Scale 1. Applications will be welcomed from new entrants to the profession. For a teacher with appropriate qualifications "A" level may be available. An interest in computing will be an advantage.
Further details and application forms may be obtained from the Headmaster and should be returned by 8th July, 1977.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
FOLKESTONE TECHNICAL HIGH SCHOOL FOR GIRLS
Coolinge Lane, Folkestone, Kent
Telephone: Folkestone 51195
Present number on roll: 643
Age range 11-18: Sixth form, 115
Required for September, 1977, GRADUATE to teach MATHEMATICS throughout the school to S.M.P. Ordinary level, with possibility of some Sixth Form work in the future. This is a Scale 1 post which would be suitable for applicants seeking a first appointment.
Letters of application should be sent to the Headmistress, enclosing copies of two recent testimonials and giving the names of two referees.

SWALE DIVISION
FAVERSHAM COUNTY SECONDARY BOYS' SCHOOL
Ethelbert Road, Faversham
Required for September, TEACHER of MATHEMATICS. Suitable for college leaver.
Applications to the Headmaster at the school.

CANTERBURY DIVISION
CHARTHAM SECONDARY SCHOOL
(Mixed: roll 395)
Required for September, an ASSISTANT TEACHER for MATHEMATICS. Subsidiary subject to be stated.
Applications, with names and addresses of two referees, to be sent to the Head Teacher, Chartham Secondary School, Rheimsford Street, Chartham, Canterbury, Kent.

MAIDSTONE DIVISION
ASTOR OF HEVER SCHOOL
Oakwood Road, Maidstone.
Mixed High School of 860 pupils with comprehensive Lower School. New buildings and good facilities. C.S.E. and G.C.E. courses.
TEACHER required September for MATHEMATICS and some GENERAL SUBJECTS with particular interest in slow learners. This is not for work specifically in the Special (Remedial) Tutorial Centre but applicants should be prepared to work closely with it. For experienced candidates possibility of Scale 2 post.
Applications, giving curriculum vitae and names/addresses of two referees, initially to the Headmaster, from whom further details are obtainable on receipt of stamped addressed envelope.
THE ASTOR OF HEVER SCHOOL
Oakwood Road, Maidstone
(860 mixed)
High School with comprehensive intake and Lower School G.C.E., internal and C.S.E. examination courses.
MATHEMATICS TEACHER (graduate) for developing department working largely within the Kent Mathematics Project. Could suit teacher seeking first appointment in September.
Applications with curriculum vitae, and naming two referees, initially by letter to the Headmaster (stamped addressed envelope).
LENHAM SWADELANDS SCHOOL
(980 mixed)
Rural setting, new buildings
TEMPORARY TEACHER of MATHEMATICS required for one year only in the first instance, C.S.E. and G.C.E. "O" level courses.
Apply Headmaster, naming two referees.

KIRKLEES
METROPOLITAN COUNCIL
SHELLEY HIGH SCHOOL
Huddersfield Road, Shelley, Huddersfield HD8 8NL
Required for September, 1977, MATHEMATICS TEACHER, Scale 1. Ability to teach to all levels, including sixth form, desirable.
Apply by letter to the Headmaster of the school giving full particulars and the names and addresses of two referees.

KNOWSLEY
(Metropolitan Borough of)
RUFFWOOD COMPREHENSIVE SCHOOL
Houghwood Drive, Northwood, Kirby L33 8XF
(1,900 boys and girls, 136 in Sixth Form, S.P.A. payable)
For September 1977: MATHEMATICS, Scale 1. Share of "A" level work available for suitable candidate.
For further information, send stamped addressed envelope to the Headmaster, to whom applications giving details of age, qualifications, and experience, together with the names of two referees, should be sent as soon as possible.

LEICESTERSHIRE
MARTIN HIGH SCHOOL
Link Road, Anstey
Leicester
(In the Leicestershire Plan for the Organization of Secondary Education)
(High 11 to 14; roll 867)
MATHEMATICS—Scale 1
Interest in modern courses and methodology.
Further details from the Head. Apply immediately (no forms) with full particulars and the names and addresses of two referees (stamped addressed envelope).

LIVERPOOL
ST. AMBROSE BARLOW R.C. SECONDARY (MIXED) SCHOOL
Queens Drive, Liverpool L13 0AP
Required for September 1977, ASSISTANT for MATHEMATICS, Scale 1.
Application forms obtainable from (stamped addressed envelope) and returnable to the Head Teacher at the school. Quote reference P & M 321 (b).

LONDON, S.E.16
RAGLIN'S C.E. COMPREHENSIVE SCHOOL
Deloford Road
Required in September, a full-time TEACHER of MATHEMATICS in this six-form entry mixed C. of E. comprehensive school. High standards of appearance and behaviour are maintained.
Apply in writing to the Headmaster at the school giving full details of qualifications and names of two referees.

LONDON
PARMITER'S SCHOOL
Approach Road, London E2 9LZ
(01-980 5011)
(Voluntary Aided Grammar School 525 boys)
Required from 1st September 1977 GRADUATE MATHEMATICIAN to teach the subject at all levels in the school.
Salary Scale 1, plus full London Allowance.
The Secretary of State has just approved the Governors' Proposal for the school to carry out a phased move to Garston (just north of Watford) where it will be five-form entry, all-ability and mixed. The school will open in Garston in September this year with a First Form only and the London School will finally close in July 1981.
Voluntary aided status will be retained.
The successful applicant will be based full-time in London for the first year but may be required to teach part of the time in Garston thereafter.
Apply to the Headmaster at the school giving curriculum vitae and the names of two referees.

LONDON
ST. PAUL'S R.C. SECONDARY SCHOOL
Wickham Lane, London SE2 0XX
(Telephone 01-854 3881)
(540 mixed)
Headmaster, Mr A. E. Scanlan.
Required for September a TEACHER (Scale 1) MATHEMATICS and JUNIOR SCIENCE. Opportunity for enthusiastic teacher to continue already established standards in this department. The school is situated in a pleasant woodland area on the borders of London and Kent.
Please telephone or write for an application form and details.

NEWCASTLE Upon TYNE
CITY OF
EDUCATION COMMITTEE
GOSFORTH HIGH SCHOOL
MATHEMATICS TEACHER Scale 1
Required from 1st September, 1977 a Mathematics Teacher, Scale 1, to teach throughout this mixed Comprehensive High School for the 13 to 18 age group (Sixth form, 270). Advanced level teaching available for a suitably qualified candidate.
Application form and further details obtainable from the Headmaster, Gosforth High School, Knightsbridge, Gosforth, Newcastle upon Tyne, NE3 2JH on receipt of a foolscap stamped addressed envelope.

NEWHAM
(London Borough of)
WOODSIDE SCHOOL
Woodside Road, London E13 8RX
Roll: 592 co-educational
Head Teacher: Mr. F. Jones
Required September 1977: TEACHER of MATHEMATICS, Scale 1
Burnham Scales plus London Allowance £402 plus Social Priority Allowance £201 or £276.
Application forms may be obtained from the Head Teacher to whom they should be returned by 1st July 1977.
J. S. Wilkie, M.A., Ph.D., Director of Education, Education Offices, Broadway, Stratford, London, E15 4BH.

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
THE HEARTSEASE SCHOOL
Marryat Road, Norwich NR7 9DF
Roll: 1,015
Scale 1
Required for September, 1977: TEACHER for MATHEMATICS at least to C.S.E. level, graduate preferred.
For application forms and details please apply to the Head Teacher at the school enclosing a stamped addressed foolscap envelope. If an acknowledgement of the completed application form is required then this must be accompanied by a further self addressed, stamped envelope.

NORTH YORKSHIRE
(County of)
RAINCLIFFE SCHOOL
Scarborough
(11 to 16 mixed comprehensive, 1,000 on roll)
A TEACHER of MATHEMATICS, Scale 1, is required for September, 1977. All mathematics courses are "traditionally" based and well established courses to "O" level, 16+ and C.S.E. exist. The post is suitable for a new entrant.
Apply by letter giving details of training, qualifications and experience and the names of two referees to the Headmaster at the school, Lady Edith's Drive, Newby, Scarborough.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
ARNOLD HILL COMPREHENSIVE SCHOOL
Gedling Road, Arnold, Nottingham NG5 6NZ
Headmaster: E. N. Spelman, N.A., B.Sc.
Mixed: 1,680 (11-18)
For September, GRADUATE (Scale 1) to teach MATHEMATICS at first, mainly in Lower School. Well established S.M.P. courses.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
CARLTON LE WILLOWS COMPREHENSIVE SCHOOL
Wood Lane, Gedling, Nottingham NG4 4AA
Headmaster: F. E. Downes, M.A.
Mixed: 1,700 (11 to 18)
For September, GRADUATE MATHEMATICS TEACHER (Scale 1), capable of taking "A" level. Large Sixth—65 studying advanced Mathematics (Modern). Mixed ability in lower school.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
BUSHCLIFFE COMPREHENSIVE SCHOOL
Boundary Road, West Bridgford, Nottingham NG2 7BW
Headmaster: P. D. Chambers, B.Sc.
Mixed: 1,640 (11 to 18)
(Sixth Form 170)
For September, TWO TEACHERS (Scale 1) for MATHEMATICS. Work is available across the full age and ability range of the School.
Applications (no forms) to the Headmaster, with names of two referees. Closing date: July 1, 1977.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
THE TRINITY SCHOOL
Beechdale Road, Aspley, Nottingham NG8 3EZ
Headmaster: A. Murphy, B.A.
Mixed: 850 (11 to 18)
For September, TEACHER (Scale 1) to teach S.M.P. MATHEMATICS throughout the School to "A" level.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

OXFORDSHIRE
COUNTY COUNCIL
DRAYTON SCHOOL
Drayton Road, Banbury, Oxon.
Required from September, 1977, a TEACHER for two-thirds MATHEMATICS and one-third TECHNICAL DRAWING. Ability to assist with Needlework would be an additional recommendation.
Applications to the Headteacher as soon as possible enclosing full details and naming two referees.

OXFORDSHIRE
COUNTY COUNCIL
ICKNIELD SCHOOL
Love Lane, Watlington, Oxon
Required from 1st September or 1st January, TEACHER of MATHEMATICS. Applications to the Head Teacher as soon as possible giving full curriculum vitae and the names of two referees. Stamped addressed envelope please.

OXFORDSHIRE
COUNTY COUNCIL
PEERS SCHOOL
Littlemore, Oxford OX4 5JY
Required for September, well qualified MATHEMATICIAN to teach over the whole ability range up to Oxbridge/Scholarship level. An interest in Computer Studies would be an advantage.
Applications to the Head Teacher giving curriculum vitae and names and addresses of two referees.

REDBRIDGE
(London Borough of)
HAINAULT HIGH SCHOOL
Harbourer Road, Hainault, Ilford, IG6 3TN
Tel. No.: 01-500 4266
Head: Mr. J. I. Westbury, M.Ed., Dip.Th.
Required September, 1977, TEACHER of MATHEMATICS (Scale 1) in this reorganized 11-18 plus comprehensive school situated on two sites. A new mathematics department has been constructed in the Upper School. A willingness to help with clubs and societies will be an asset. Outer London Allowance is payable.
Application forms available from the Headmaster or the School, or S.T.A.P., to be returned as soon as possible.

REDBRIDGE
(London Borough of)
SEVEN KINGS HIGH SCHOOL
Ley Street, Ilford, IG2 7BT
Telephone No.: 554 8935
Headteacher: Miss M. B. Evans, M.A.
Suitably qualified graduate TEACHER of MATHEMATICS (Scale 1) required for September, 1977, in this mixed 11-18 comprehensive school to teach the subject up to "A" level. Modern Mathematics is offered in G.C.E. "O" level or C.S.E. The school inherits well established "A" level Mathematics courses from the grammar school. A Scale 2 post may be available for a suitable candidate.
LOXFORD HIGH SCHOOL
Loxford Lane, Ilford IG1 2UT
Telephone No.: 553 3424
Headteacher: Mr. R. N. M. Markarian, B.D., M.A., F.R.S.A.
Suitably qualified TEACHER of MATHEMATICS (Scale 1) required for September, 1977, to teach the subject to "O" level in this mixed 11-18 comprehensive school. A combination of modern and traditional mathematics is taught.
NIGHTINGALE HIGH SCHOOL
Chancroft Avenue, Wanstead E11
Telephone No.: 989 9153
Head: Mr. M. J. Wonlon, D.S., L.R.I.C., M.I.Biol.
Suitably qualified TEACHER of MATHEMATICS or MATHEMATICS with SCIENCE (Scale 1) required for September, 1977, in an expanding department in a developing mixed 11-18 comprehensive school. A newly constructed Mathematics Suite will be opened shortly.
FAIRLOP HIGH SCHOOL
Forest Road, Hainault, Ilford, IG6 3HB
Telephone No.: 01-500 6636
Head: Mr. D. J. George, B.A.
Suitably qualified TEACHERS of MATHEMATICS (Scale 1) required for September, 1977, in this new 11-18 mixed comprehensive school (two posts). There are currently 4 specialists in the Department working a "blocked" timetable and the posts would provide two probationers with the opportunity of joining a strong team.
Outer London Allowance is payable in all cases.
For all posts further details and application forms available from the Head at the school, or STAP.
To be returned as soon as possible.

REDBRIDGE
(London Borough of)
WANSTEAD HIGH SCHOOL
Redbridge Lane West E11 2JZ
Tel. No. 989 2701
Headmistress: Mrs. P. M. C. Taylor, M.A.(Cantab)
Suitably qualified TEACHER of MATHEMATICS (Scale 1) required for September, 1977, to teach the subject throughout this eight-form entry mixed 11 to 18 comprehensive school. A candidate who could offer Mathematics to G.C.E. "O" level and Psychology to "A" level would be considered.
Outer London Allowance is payable.
Further details and application forms are available from the Headmistress of the school or STAP, to be returned as soon as possible.

SUFFOLK
ROYAL HOSPITAL SCHOOL
Ipswich
Direct Grant Boarding School, 700 boys—all sons of Seafarers. Two Grammar School streams continuing to "A" level and three Secondary Modern streams.
Required for Autumn Term, 1977, A TEACHER of MATHEMATICS to assist in the teaching of Mathematics in the School. A reasonably young person who will participate fully in all aspects of the life and activities of the School is required. DFB Scale 1 will be paid for suitably qualified candidate.
For a married Teacher a Boarding School Allowance of £110 per annum is paid for boarding duties. The Teacher would be attached to a boys' Boarding House and required to perform the duties of Assistant Housemaster. A good four-bedroomed house would be available at a present rent of £325.08 per annum plus rates, currently £202.62.
For a single Teacher a Boarding School Allowance of £340 per annum is paid for boarding duties. The Teacher would be required to perform the duties of Assistant Housemaster and be required to occupy free accommodation in a boys' Boarding House. Free board and laundry is provided in term time.
For further particulars and forms of application please apply to the Headmaster, Royal Hospital School, Ipswich IP9 2RX (enclose stamped addressed, foolscap envelope), to whom completed applications should be returned immediately.

SUTTON
(London Borough of)
GREENSHAW HIGH SCHOOL
Grennell Road, Sutton, Surrey
Headmaster: Mr. R. B. Whellork B.Sc., M.A., F.I.Biol.
Required for September: a MATHEMATICS TEACHER to join a strong department. Modern Mathematics (S.M.P.) taught to C.S.E. and "O" level. Also "A" level Pure Mathematics, Applied Mathematics, Further Mathematics, "O" level Statistics, Computer Studies.
Well established Comprehensive School of 1,170 boys and girls (11 to 19 years of age).
London Allowance (£207).
Please write immediately to Headmaster giving curriculum vitae and names and addresses of two referees.

SUTTON
SUTTON HIGH SCHOOL FOR GIRLS
G.P.D.S.T.
55 Cheam Road, Sutton SM1 2AX
Needed in September, a temporary ASSISTANT in the MATHEMATICS DEPARTMENT to share teaching throughout the school up to and including "A" level. Part-time definitely considered.
Applications with two testimonials to the Headmistress as soon as possible.

WAKEFIELD (City of)
METROPOLITAN DISTRICT COUNCIL
CASTLEFORD HIGH SCHOOL
(Mixed Comprehensive: 1,380 pupils)
Required for September, MASTER/MISTRESS to teach in the area of MATHEMATICS and SCIENCE.
Candidates should have sound qualifications in Mathematics, Physics or Chemistry. Work in these subjects is done to all levels and work will be allocated according to the successful candidate's qualifications.
Requests for application forms and further details (accompanied by a stamped addressed envelope) should be addressed to the Education Department, 8 Bond Street, Wakefield, to be returned as soon as possible.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The borough is within easy access of central London and bordered by Epping Forest. London addition to salary payable.
Required for September 1977:—
WALTHAMSTOW SENIOR HIGH SCHOOL
Church Hill, London E17 5RZ
Head Teacher, Mrs. E. Beaumont, B.A.
MATHEMATICS TEACHER required for this Girls' comprehensive Senior High School (600 on roll, 14-19 years). Possibility of Sixth Form work for a suitable candidate. Ability to teach another subject desirable but not essential.
Application forms obtainable from the Head Teacher on receipt of a stamped addressed envelope.

SECONDARY
Mathematics
continued

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The Borough is within easy access of central London and bordered by Epping Forest. London addition to salary payable.
Required for September 1977
WARWICK HIGH SCHOOL FOR BOYS
Barrett Road, London E17 3ND
Head Teacher: Mr. C. N. Hull.
MATHEMATICS SCIENCE
TEACHER is required for this Boys' Comprehensive High School (11-14 years). S.M.P. Mathematics and Nuffield Science taught throughout.
Application forms obtainable, on receipt of a stamped addressed envelope, from the Chief Education Officer, London Borough of Waltham Forest, Municipal Offices, High Road, Leyton, London E10 5QJ.

WARWICKSHIRE
CAMPION HIGH SCHOOL
Sydenham Drive, Leamington Spa CV31 1QH
(900 on roll, 12-18 comprehensive)
Required September, TEACHER of MATHEMATICS, Scale 1. Suitable for college leaver. Graduate preferred.
Application form available from the Head at the school (stamped addressed envelope, please).

WEST SUSSEX
SOUTHERN AREA
KINGS MANOR SCHOOL
Shoreham-by-Sea
(Boys' Comprehensive 1,700 on roll)
Required September, Qualified TEACHER of MATHEMATICS, Scale 1. Well equipped and successful department with courses to G.C.E. "O" and "A" and C.S.E. levels (including C.S.E. Mode 3). Work will involve teaching in both Lower and Upper Schools.
Details and form from Headmaster on receipt of a stamped addressed foolscap envelope.

WEST SUSSEX
IMBERHORNE SCHOOL
Imberhorne Lane,
East Grinstead
MATHEMATICS TEACHER for September, in mixed 11-18 Comprehensive School. S.M.P. throughout. Opportunities to teach "O" and "A" level, and computing.
(240 Sixth Form.)
Form on receipt of stamped addressed envelope from the Headmaster.

WILTSHIRE
WARMINSTER, KINGDOWN COMPREHENSIVE SCHOOL
(Mixed, 1,376)
Required for September, TEACHER of MATHEMATICS.
There is a long record of successful Mathematics teaching in the school, and O Level and C.S.E. courses (including Mode III) are well-established. Courses in Computer Studies and Statistics are provided and there is some A Level work. A suitable candidate may anticipate early involvement in any or all of the Department's activities.
Application forms and further details (large stamped addressed envelope, please) from the Headmaster. Please return application forms as soon as possible.

GENERAL with subsidiary FRENCH or LATIN. German is the main language but the teacher appointed will be responsible to the Head for the teaching of all three languages to "A" and "B" levels. A new language laboratory is in use and mixed ability teaching is not employed. The teaching of accuracy, oral and written, is a basic aim of the department.
Application forms, obtainable from the Head Teacher, on receipt of a stamped addressed foolscap envelope to be returned to him by 8th July, 1977.
Removal expenses and temporary lodging allowance may be granted in appropriate circumstances.
L. A. Hinan, Chief Executive, Town Hall and Civic Centre, Sunderland, SR2 7DN.

SUTTON
(London Borough of)
SUTTON COMMON HIGH SCHOOL FOR GIRLS
Sutton Common Road, Sutton, Surrey
Telephone: 01-644 6407
Required for January, 1978, trained GRADUATE as Head of Department capable of teaching FRENCH and GERMAN throughout to C.S.E., "O" and "A" level standard. A C.S.E. Mode 3 French Studies is established in the school. French is the only language taken at the moment but it is hoped to introduce German from September, 1978, when the school expands from three to five forms of entry. Exchange visits are made each year. This is a school where emphasis is placed on academic achievement, good manners and good appearance.
Scale 3 for suitable candidate.
Apply as soon as possible to the Headmistress, Mrs. J. E. Moord, B.A.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The borough is within easy access of central London and bordered by Epping Forest. London addition to salary payable.
Required for September, 1977 —
WILLIAM MORRIS SENIOR HIGH SCHOOL
Gainsford Road, London E17 6QO
Headmistress, Mrs. J. Dswell, B.Com., M.Phil.
FRENCH TEACHER required, with subsidiary German if possible, for this mixed comprehensive Senior High School (1,000 on roll, 14-18 years), to teach to C.S.E. and "O" level in the fourth and fifth years and to "O" and "A" level in the Sixth Form. Ability to teach within the humanities area an advantage. Scale 2 post available for experienced candidate.
Please apply, by letter in the first instance, to the Head Teacher, giving names and addresses of two referees and enclosing a stamped addressed envelope.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The borough is within easy access of central London and bordered by Epping Forest. London addition to salary payable.
Required for September, 1977, or January, 1978 —
BIRLINGTON HIGH SCHOOL
Hecklington Road, London E10 6JZ
Headmaster, Mr. G. W. Ware, M.A., B.Sc.
HEAD of FRENCH, Scale 3, required to take charge of this well-established department in the Boys' Comprehensive High School (645 on roll, 11-14 years).
Application forms obtainable on receipt of a stamped addressed envelope from the Chief Education Officer, London Borough of Waltham Forest, Municipal Offices, High Road, Leyton, London E10 5QJ.

HUMBERSIDE
EDUCATION COMMITTEE
GRIMSBY DIVISION
LINDSEY SCHOOL,
Grimsby Avenue, Cleethorpes
(Number on roll 1,600)
Headmaster: Mr. J. W. Barrett
Required for 31st August, 1977 — TEACHER of FRENCH and GERMAN. Good honours graduate in French with subsidiary German to teach French throughout the school up to and including "A" level, and German in the first three years. Scale 2 available for suitable qualified candidate.
Application forms and further details obtainable from the Head Teacher at the school to whom they should be returned within 10 days of the appearance of this advertisement.

NEWHAM
(London Borough of)
LITTLE ILFORD SCHOOL
Browning Road, London E12 6EP
(Roll 1,315 co-educational)
Headteacher
Mr. D. G. H. Andrews, B.A., M.Ed.
Required September, 1977: TEACHER of MODERN LANGUAGES, FRENCH/SPANISH.
Second in Department. Scale 2.
Burnham Scales, plus London Allowance £402, plus Social Priority Allowance £201 or £276.
Further details and application forms may be obtained from the Headteacher (Tel. 01-478 8241).
Applications should be returned to the undersigned by 1st July, 1977.
J. S. Wilkie, M.A., Ph.D., Director of Education, Education Offices, Broadway, Stratford, London E15 4BH.

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
THORPE ST. ANDREW SCHOOL
Laundry Lane, Thorpe St. Andrew, Norwich, NR7 0NS
(Roll 1,870)
Head Teacher Designate:
Dr. C. J. Scott
Required for January 1978, TEACHER (Scale 2) to act as Second in the FRENCH Department in this newly-formed Comprehensive School. Modern Languages courses with a laboratory. Teaching at all levels. Good opportunity for positive contribution to the development at courses in the early stages of reorganisation. Commitment to foreign exchange visits welcomed.
For application forms and details please apply to the Head Teacher Designate at the Thorpe Grammar School, Laundry Lane, Norwich, enclosing a stamped self-addressed foolscap envelope. If an acknowledgement is required for the completed application form then this must be accompanied by a further self-addressed stamped envelope.

NORTHAMPTONSHIRE
MOULTON SCHOOL
Pound Lane, Moulton,
Northampton NN3 1SH
Required for September, 1977 (in this mixed Comprehensive 11 to 18, 700 on roll), ASSISTANT (Scale 2) for GERMAN (with French) to introduce the subject as a second language in this developing Comprehensive School. Ability to teach to "O" and "A" level standard essential.
Application forms and further details from Headmaster (stamped addressed envelope).

REDBRIDGE
(London Borough of)
SEVEN KINGS HIGH SCHOOL
Ley Street, Ilford IG2 7BT
Telephone Number 01-554 8935
Head: Miss M. B. Evans [illegible]
Required for September or as soon as possible thereafter, trained GRADUATE TEACHER to be responsible for SPANISH (Scale 2) in this mixed comprehensive school. It is also important to have strong French.
Application forms available from the Headteacher of the school, to be returnable as soon as possible.

SHROPSHIRE
EDUCATION COMMITTEE
WROCKWARDINE WOOD SCHOOL
New Road, Wrockwardine Wood
Telford
MODERN LANGUAGE Specialist, primarily German, to introduce the subject; opportunity for French. Scale 1 or 2.
Further details from the Headmistress: Miss B. E. Robinson (send stamped addressed envelope).

CAMBRIDGESHIRE
HUNTINGDON AREA
ERNULF SCHOOL
Barford Road, Eynesbury,
Huntingdon
Ernulf School was opened in 1971 and will eventually be a 10-form entry Community Comprehensive School. It is based entirely in fine new buildings and is well equipped.
Required for September:
ASSISTANT TEACHER of FRENCH, Scale 1.
Further details and application forms available from the Principal at the school on receipt of stamped addressed envelope, to whom completed forms should be returned as soon as possible.
ST. IVO SCHOOL
High Leys, St. Ives, Huntingdon
Required for September, a TEACHER of FRENCH (Scale 1). Examination work available. Please indicate any second subject.
Apply by letter immediately giving full details and names of two referees, to the Headmaster at the school.

CHESHIRE
EDUCATION COMMITTEE
ALL HALLOWS CATHOLIC HIGH SCHOOL
Brooklands Avenue, Macclesfield
Required for September, 1977, TEACHER of GERMAN who will develop this subject to "O" and "A" level. French as a second language would be an advantage.
Application forms obtainable from and returnable to the Head of the school (stamped addressed envelope please).

CUMBRIA
EDUCATION COMMITTEE
BARROW IN FURNESS
GRAMMAR SCHOOL FOR BOYS
Required for September, 1977, TEACHER of FRENCH, Scale 1. Some Advanced level work is available for a suitably qualified candidate.
Apply by letter, enclosing curriculum vitae and the names and addresses and positions of at least two referees.
Applications should be sent to the Headmaster, Barrow in Furness Grammar School for Boys, West Avenue, Barrow in Furness, LA13 9AZ, to whom they should reach not later than 4 July, 1977.

CUMBRIA
EDUCATION COMMITTEE
THE LAKES SCHOOL
Windermere
(Comprehensive: 11 to 18 mixed: 1,000 on roll)
Required for September, 1977, a GRADUATE in FRENCH (Scale 1) to teach to Advanced level.
Please send curriculum vitae (no forms) and the names of two referees to the Headmaster as soon as possible. (Enclose stamped addressed envelope for acknowledgement.)

DERBYSHIRE
DAYTON SCHOOL
Station Road, Hatton, DE6 5EH
TEACHER for FRENCH and GERMAN, Scale 1. Required for September, 1977. This post is suitable for newly qualified candidates.
Applications by letter should be sent within seven days of the appearance of this advertisement direct to the Headmaster together with the names and addresses of two referees and a stamped addressed envelope.

DEVON
SOUTHWAY SCHOOL
Rockfield Avenue,
Southway, Plymouth
(Comprehensive, co-educational: 1,700 on roll)
Required from September an enthusiastic TEACHER, graduate preferred, to offer FRENCH with GERMAN or SPANISH to "O" level/C.S.E. Department is well equipped for a modern oral approach.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

DUDLEY
(Metropolitan Borough)
THE HIGH ARCAL SCHOOL
High Arcal Drive, Sedgley,
West Midlands DY3 1BP
(13-18 co-educational comprehensive, 950 on roll)
Required for September, 1977, Graduate TEACHER of FRENCH to share in the teaching of the subject throughout the school and to G.C.E. "O" and "A" levels.
Further particulars from the Headmaster, to whom applications should be sent immediately giving full details and naming two referees.

ENFIELD
(London Borough of)
EDUCATION COMMITTEE
ALBANY SCHOOL
Bell Lane, Enfield, EN3 5PA
Eight-form entry, mixed comprehensive. (Roll 1,240)
Required for the Autumn Term only, TEACHER for GERMAN. German is taught as a second language to pupils who show linguistic ability. The successful applicant will be required to teach in C.S.E., "O" and "A" level standards. Facilities, including an audio active language laboratory, are excellent and the Department is a lively, stable one.
London Allowance payable £297 per annum.
Application forms (stamped addressed foolscap envelope) obtainable from the Head Teacher to whom they should be returned as soon as possible.

EAST SUSSEX
COUNTY COUNCIL
(BRIGHTON AREA)
FALMER HIGH SCHOOL
Lower Road, Falmer, Brighton BN1 9PW
(Group 13, 12 to 18 Comprehensive School, 1,300 pupils)
Required September TEACHER to take FRENCH and EUROPEAN STUDIES, Scale 1, to first examination level, possibly with some German, to 2nd and 3rd Year pupils.
Relocation Grants Scheme in approved cases.
Apply to Head Teacher giving details of qualifications, experience and naming two referees by July 4.

EAST SUSSEX
(EASTBOURNE AREA)
HEATHFIELD SCHOOL
Cade Street, Heathfield
East Sussex TN21 8RJ
For September 1977 or January 1978 TEACHER of FRENCH (Scale 1) in this expanding 11-18 comprehensive school which is delightfully situated in rural Sussex.
Relocation grants available in approved cases.
Application forms from the Headmaster (stamped addressed envelope please). Closing date 8th July.

ESSEX
BELFAIRS HIGH SCHOOL FOR BOYS
(Roll 950)
Highlands Boulevard
Leigh-on-Sea
Telephone: Southend 74196
FRENCH/EUROPEAN STUDIES
Junior streaming, French "sets" in years four and five, C.S.E. offered; "O" level to well-qualified candidate. Language laboratory, assistance; regular termly day visits to France.
Application forms and further particulars may be obtained from the Head of the school to whom completed application forms should be returned.

GLOUCESTERSHIRE
CHIPPING CAMPDEN SCHOOL
(11-18 Comprehensive, 900 mixed)
Required September 1977, a TEACHER of FRENCH, Scale 1, to teach to all levels of ability in this rural school.
Possibility of "A" level work for suitable candidate but non-graduates are also invited to apply.
Apply in writing to Headmaster giving details of qualifications and names and addresses of two referees (self-addressed envelope).

HAMPSHIRE
SPRINGFIELD SCHOOL
Central Road, Drayton
Portsmouth PO6 1QY
(Comprehensive mixed 12 to 18 number on roll, 1,087)
Required for September, 1977 — TEACHER for GERMAN with some FRENCH, Scale 1 (Scale 2 post available for suitably qualified and experienced applicant).
Letter of application (stamped addressed envelope, please) to the Headmistress as soon as possible.

HARROW
EDUCATION COMMITTEE
Applications are invited from suitably qualified TEACHERS for the following posts:
GAYTON HIGH SCHOOL
Gayton Road, Harrow
Tel.: 01-427 3366
Required for September, 1977, TWO Modern Language TEACHERS to offer between them GERMAN, FRENCH and SPANISH. German and French are equally important languages at Gayton High School and German is, therefore, an essential for either post. The school has a very strong languages department, offering five languages to "O" level. Gayton High School is a 12-16 Boys' Comprehensive High School and a sincere belief in comprehensive education is an essential qualification.
Application to the Head of the school by letter as soon as possible (please enclose stamped addressed envelope).

HAVERING
(London Borough of)
THE COOPERS' COMPANY AND COBORN SCHOOL
St. Mary's Lane, Upminster, Essex
(Voluntary Aided: Sixth form entry Mixed)
GRADUATE in FRENCH (Scale 1) required for September, to teach throughout the school, including some Sixth Form work if appropriate.
Applications from experienced or new teachers welcomed.
The new school buildings which include excellent teaching facilities are situated in 25 acres of ground in pleasant Green Belt countryside yet within easy reach of London by Underground.
Applications with full curriculum vitae to the Headmaster as soon as possible naming two referees.
London Allowance £297. Help with removal expenses in approved cases.

HERTFORDSHIRE
COUNTY COUNCIL
EAST HERTS DIVISION
ST. MARY'S CONVENT SCHOOL
Windhill, Bishops' Stortford
(Approximately 600 on roll, Group 7)
Graduate TEACHER of FRENCH required September. Scale 2 for this developing Girls' School. Experience in teaching "A" level and C.S.E. groups essential.
Apply to the Headmistress with curriculum vitae and names of two referees.

HERTFORDSHIRE
ST. MICHAEL'S R.C. SCHOOL
High Elms Lane, Garston, Watford
Required September, TEACHER of GERMAN and FRENCH preferably to "O" level in both subjects.
Apply to Headmistress with curriculum vitae and names and addresses of two referees.

HILLINGDON
(London Borough of)
BISHOPSHALT SCHOOL
Royal Lane, Hillingdon, Uxbridge, Middlesex UB8 3RF
(Number on roll 868
178 in Sixth Form)
Headmaster:
L. Bathor, B.A., Ph.D.
Required for September, 1977, either TEACHER of SPANISH and FRENCH appointed for one year only or TEACHER of SPANISH, FRENCH and GERMAN, to join the staff on a permanent basis. This existing Grammar school will receive its first all-ability intake in September, 1977, and a well equipped Modern Languages suite is to be provided in the immediate future.
Language courses are well developed throughout the school and many pupils take part in foreign exchange schemes.
It is hoped to appoint a teacher who is keen to make a contribution to the school's wide range of extra curricular activities.
Application forms from and returnable to the Head Teacher. London Allowance payable.

HUMBERSIDE
EDUCATION COMMITTEE
GRIMSBY DIVISION
MATTHEW HUMBERSTONE SCHOOL
Chalsworth Place, Cleethorpes
(Number on roll 1,173)
Required for 31st August, 1977 — TEACHER of MODERN LANGUAGES. Well qualified graduate required to teach German to "A" level and some French in the Middle School. Opportunities exist to develop German and French Studies within this successful department.
Application forms and further details obtainable from the Head Teacher at the school, to whom they should be returned within 10 days of this advertisement.

HUMBERSIDE
EDUCATION COMMITTEE
GRIMSBY DIVISION
WALTHAM TOLL BAR SCHOOL
New Waltham, near Grimsby
(Number on roll 1,850)
Headmaster: J. R. Drake, M.A., F.R.G.S.
Required for 31st August, 1977 — Well-qualified TEACHER of GERMAN and FRENCH.
The modern Languages Department is very well established in the school, where teaching is carried out in its own suite of rooms, which include a language laboratory as well as rooms equipped with the new induction loop. The successful candidate could have the opportunity to share in the teaching of German at "O" and "A" levels as well as French throughout the school.
Enthusiasm and a willingness to play a full part in a large school are sought.
This is a comprehensive school in very modern purpose-built premises in a rural area surrounded by open fields. It serves the delightful area from the Lincolnshire Wolds to the East Coast.
Application forms and further particulars obtainable from the Headmaster of the school (or S.T.A.P.) to whom they should be returned within 10 days of the appearance of this advertisement.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
CHATHAM HOUSE GRAMMAR SCHOOL
Ramsgate CT11 7PS
Headmaster: B. G. Drury, M.A., M.Ed.
(780 boys, including 230 Sixth Form)
Required for September, GRADUATE to teach FRENCH and if desired a little GERMAN, GEOGRAPHY or GAMES, throughout the school. Willingness and ability to contribute to the pastoral work and extra curricular life of the school essential. Please contact the Headmaster either by telephone (0843 51075) or letter as soon as possible.
DARTFORD GRAMMAR SCHOOL
(Founded 1576: 850 boys)
Required September, a GRADUATE to teach FRENCH to "A" level and GERMAN to "O" level. Applications from newly trained teachers welcomed.
London Fringe Allowance.
The school has good access to London and the Kent coast by motorway.
Applications by letter, with summary of qualifications, and the names of two academic referees, to the Headmaster, Dartford Grammar School, West Hill, Dartford, Kent, DA1 2HW.
GRAVESEND SCHOOL FOR BOYS
Church Walk, Gravesend
(Roll 830: Sixth Form 190)
A well qualified GRADUATE to teach FRENCH and GERMAN. The Modern Languages Department has a good record at "A" level and of University including Oxbridge entrance. The successful applicant will be offered the opportunity to share in the teaching of at least French to this level, but will also be required to teach some middle school English.
This is an Upper School providing courses to "A" level for boys of good academic ability aged 13-18: the rate of University entrance is very high.
Apply by letter giving a curriculum vitae and the names of two referees to the Headmaster at the School.

MAIDSTONE DIVISION
OLDBOROUGH MANOR SCHOOL
Boughton Lane, Maidstone
(1,400 Mixed)
ASSISTANT to teach FRENCH across the age range (11-17). Well established courses leading to C.S.E. and G.C.E. "O" level. Experience in the use of a language laboratory would be an advantage.
Application form and further details available from the Headmaster (stamped addressed envelope).

TONBRIDGE WELLS DIVISION
BANGROWN COURT SCHOOL
Blackhurst Lane, Tunbridge Wells
Secondary Modern Mixed
(Roll 1,057)
Required from September for one term only, ASSISTANT TEACHER for FRENCH DEPARTMENT.
Applications by letter to the Headmaster, giving details of qualifications and experience, if any, and names and addresses of two professional referees (stamped addressed envelopes, please).

SHEPWAY DIVISION
WYNDGATE SCHOOL
Park Farm Road, Folkestone, Kent. CT19 5DN
11-16 years. 1,500 pupils. Co-educational secondary modern
Headmaster: H. D. Littlefield, B.Sc.
Required for September, 1977, a TEACHER to share in the teaching of FRENCH from the second year to C.S.E. level. The school has a new Language Laboratory. The ability to teach some English to years one and two would be an advantage, but is not essential.
Applications to the Headmaster at the school with curriculum vitae and the names and addresses of two referees.

KENT
SEVENOAKS SCHOOL
Required for nine months from September, 1977, well qualified TEACHER speaking MODERN GREEK, with adequate FRENCH, with EFL qualifications and experience of boarding education. Single status preferred.
Further details obtainable from the Headmaster. Applications close on July 1, 1977.

KINGSTON upon Thames
(Royal Borough of)
RIVERMEAD BOYS' SCHOOL
Richmond Road, Kingston upon Thames, Surrey KT2 5PN
(800 boys)
(1) GERMAN GRADUATE required September to teach to all levels together with FRENCH to "O" level. Interest in games or other extra curricula activity an advantage.
(2) FRENCH GRADUATE required September to teach to all levels. Interest in GAMES or MUSIC an advantage in all ability boys' school.
London Allowance £297.
Assistance may be provided with removal expenses. Application form and further information obtainable from the Headmaster at the school to be returned to him as soon as possible (Tel. 01-546 [illegible]).

LIVERPOOL
Applications are invited for the following posts tenable for September, 1977:—
Application forms obtainable from (stamped addressed envelope) and returnable to the Head Teacher of the school.
ASSISTANT FOR FRENCH
Scale 1
HOLT COMPREHENSIVE (MIXED) SCHOOL
Queens Drive, Liverpool L13 0BZ
Quote Reference P & M 321 (b)
ASSISTANT FOR FRENCH
Scale 1
ST. JOHN ALMOND R.C. SECONDARY (MIXED) SCHOOL
Horrocks Avenue, Liverpool L19 5PF
Quote Reference P & M 339 (b)
ASSISTANT FOR FRENCH/RELIGIOUS EDUCATION
Scale 1
ST. JOHN'S R.C. SECONDARY GIRLS' S.P. SCHOOL
Fountains Road, Liverpool L4 1QN
Quote Reference P & M 349 (b)

LONDON, S.E.16
BACON'S C. E. COMPREHENSIVE SCHOOL
Deptford Road
FRENCH
A part-time TEACHER (0.8) of FRENCH is required for September in this six-form entry mixed comprehensive school. The school maintains high standards of behaviour and appearance.
Apply to the Headmaster at the school in writing giving full details and names of two referees.

LONDON, SW6
ST. MARK'S C.E.
COMPREHENSIVE SCHOOL
Bishops Avenue, London SW6
Headmaster, Dr. T. Harper Smith
Part-time TEACHER required for FRENCH in September next.
Applications (no form) to the Headmaster at the school.

Modern Languages

Heads of Department

CORNWALL
EDUCATION COMMITTEE
There is a scheme for removal expenses.
LISKEARD COMPREHENSIVE SCHOOL
Liskeard
Co-educational, 1,050 pupils
Head Designate: A. O. Wood, M.A.
HEAD of MODERN LANGUAGES DEPARTMENT (Scale 4)
Required for January, 1978 HEAD of LANGUAGES (Scale 4). For two terms the successful candidate will be in the established department in the Grammar School, preparing for the merger in September 1978.
The successful candidate will be responsible for welding together the Languages department of the Grammar and Secondary Schools. He/she will have to produce a clear Languages policy for the new school.
Application forms and further details may be obtained on receipt of a stamped addressed envelope from the Headmaster, Liskeard Grammar School, Old Road, Liskeard. Applications to be received by Monday 11th July.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
BRILAND GREEN COMPREHENSIVE SCHOOL
Coronation Avenue,
South Wilford
Nottingham (NG11) 7AD
Headmaster
A. C. Richards, B.Sc.
(Mixed, 900, 11 to 16)
For January, GRADUATE as HEAD of FRENCH DEPARTMENT (Scale 3) in this developing comprehensive school.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

REDBRIDGE
(London Borough of)
HIGHTOWN HALL HIGH SCHOOL,
Elmcroft Avenue, Wanstead, E.11
Telephone: 989 9092
Headmaster: Mr. M. J. Wootton, B.Sc., L.R.I.C., M.I.Biol.
Suitably qualified TEACHER of MODERN LANGUAGES required for September, 1977, as Head of Department (Scale 3), in this rapidly developing mixed 11 to 18 comprehensive school. The main teaching subject should be French. The Department will move into new accommodation including a language laboratory next September.
Outer London Allowance is payable.
Further details and application forms are available from the Headmaster, sc STAP.
To be returned as soon as possible.

SUNDERLAND
(Borough of)
EDUCATION DEPARTMENT
Applications are invited for the following post:—
SILKSWORTH SCHOOL (Group 10)
[illegible] Road, Philadelphia,
Houghton-le-Spring, Tyne and Wear
DH4 4TL
HEAD of LANGUAGES DEPARTMENT (Scale 4) for September, 1977, if possible, otherwise for January, 1978. Applicants should be HONOURS GRADUATES in

Other Posts on Scale 2 and above

EAST SUSSEX
(Eastbourne Area)
HEATHFIELD SCHOOL
Cade Street, Heathfield TN21 8RJ
For January HEAD of MODERN LANGUAGES (Scale 3), to teach French to G.C.E. "A" "O" and C.S.E. levels. The School's second language is German and a working knowledge is desirable but not essential. Heathfield School is an expanding 11 to 18 comprehensive school delightfully situated in rural Sussex.
Relocation grants available in approved cases.
Application forms from the Headmaster (stamped addressed envelope please). Closing date 8th July.

ENFIELD
(London Borough of)
EDUCATION COMMITTEE
ALBANY SCHOOL
Bell Lane, Enfield EN3 5PA
Eight-form entry, mixed comprehensive (roll 1,240)
Required for January, 1978, or as soon as possible, Scale 2 TEACHER for GERMAN. German is taught as a second language to pupils who show linguistic ability. The successful applicant will be required to teach to C.S.E., "O" and "A" level standards. Facilities, including an audio-active language laboratory, are excellent and the department is a lively, stable one.
London Allowance payable £297 per annum.
Temporary housing (up to two years), 100 per cent removal expenses (£400 maximum), relocation costs and lodging allowance where appropriate.
Applications already received will be considered.
Application forms (stamped addressed foolscap envelope) obtainable from the Head Teacher, to whom they should be returned as soon as possible.

HOUNSLOW
(London Borough of)
EDUCATION COMMITTEE
Education Department, The Civic Centre, Lampton Road, Hounslow TW3 4DN
LAMPTON SCHOOL
Lampton Avenue, Hounslow TW3 4EP
Head, Miss M. Coulthard, M.A.
(Co-educational: 815 pupils
Sixth Form 180)
Required for September, 1977, or as soon as possible thereafter —
ASSISTANT TEACHER FRENCH (owing to expansion of the school).
The person appointed to this well-established and successful department will be expected to teach French up to and including "O" C.S.E. level. Scale 2 might be available for a suitably qualified and experienced applicant.
Lampton School is a five-form entry Group 10 comprehensive school with boys and girls in the 11-18 age range: Total number on roll will eventually be 850 approximately.
London Allowance £297 payable.
The Education Committee has power to consider applications from experienced teachers for assistance towards removal, disturbance or separation expenses.
Letters of application in the first instance to the Head of the school as soon as possible and not later than Friday, 8th July, giving details of qualifications, experience and any special interests, together with the names and addresses of two referees. Candidates should state any additional subsidiary subject which they could offer.
Applicants seeking their first appointment should state this, so that the appropriate application form may be sent.

Scale 1 Posts

AVON COUNTY
CULVERHAY SCHOOL
Rush Hill, Bath
FRENCH TEACHER required for September, if possible to teach French in this well-established 11-18 boys' comprehensive school.
Further details on receipt of a stamped addressed envelope from the Headmaster.
Closing date, 1st July.
Preference may be given to Avon candidates.

BARNET
(London Borough)
ST. MICHAEL'S CONVENT GRAMMAR SCHOOL
Nether Street, N. Finchley, N.12
01-446 2256
Voluntary Aided. Roll 640.
Sixth Form 130
Required September 1977, qualified part-time TEACHER (3/5 days) to be responsible for the teaching of SPANISH, or full-time TEACHER of SPANISH with some FRENCH and/or LATIN. The school has a language laboratory, and Spanish is taught to "O" and "A" level. Scale 1.
Schemes for payment of expenses and separation allowance in approved cases.
Apply to Headmistress giving names of two referees (stamped addressed envelope).
Director of Educational Services.

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
HALYARD HIGH SCHOOL
High Street, Leagrave, Luton
Headmaster: Mr B. O. Round, O.A.
Required for September 1977:
1. TEACHER of GERMAN with some FRENCH, Scale 1.
2. TEACHER of FRENCH with FRENCH STUDIES, Scale 1.
This is an 11 to 16 Comprehensive School with a well equipped modern language department. German is taught as a second foreign language beginning in the second year.
Application forms obtainable from and returnable to the Headmaster as soon as possible (stamped addressed envelope please).
Some assistance with accommodation may be possible.

BURY
(Metropolitan Borough of)
STAND GRAMMAR SCHOOL FOR BOYS
Church Lane, Whitefield, M25 7NH
(Roll 760 pupils)
Required for 1st September 1977, GRADUATE TEACHER (Scale 1) for GERMAN to "A" level and FRENCH to "O" level. Ability to assist with Games an additional advantage. (Scale 2 for suitable applicant.)
Application forms and further details obtainable from (and returnable to) the Head Teacher at the school by 8th July, 1977.

"Play the game, Taylor! That's the only copy of the TES we've got."

Every Friday go into your local newsagent, smile, produce 18p and ask for a copy of The Times Educational Supplement. This is how to avoid argument, injury and be the first to read the TES.

QED

THE TIMES
Educational Supplement

SECONDARY
Modern Languages
continued

LONDON, S.W.6
ST. MARK'S C.E.
COMPREHENSIVE SCHOOL
Bishops Avenue, London, S.W.6
(Headmaster, Dr. T. Harper Smith)
PART-TIME TEACHER required for RUSSIAN in September next.
Applications (no form) to the Headmaster at the school.

NEWCASTLE upon Tyne
(City of)
EDUCATION COMMITTEE
SLATYFORD SCHOOL
TEACHER OF MODERN LANGUAGES (Scale 1)
(Re-advertisement)
Required for September, 1977, a well-qualified TEACHER of FRENCH with, if possible, SPANISH, to share in the work of the Modern Languages Department. Participation in the teaching programme of a first year foundation course will be required, as will a sympathetic appreciation and knowledge of the special approaches required in teaching to pupils of all abilities in the early years. German is also taught to C.S.E., "O" and "A" levels. A reprographic and resources centre will be fully operable, this centre is supported with adequate audio-visual equipment.
Applicants for the previous advertisement will have their applications reconsidered in the normal way.
Application forms, obtainable from the Director of Education, Civic Centre, Newcastle upon Tyne, NE1 8PU, should be returned to the Headmaster, Slatyford School, Pooley Road, Newcastle upon Tyne, NE5 2TB, as soon as possible.

NORTH TYNESIDE
(Metropolitan Borough of)
EDUCATION COMMITTEE
GEORGE STEPHENSON HIGH SCHOOL
Southgate, Killingworth,
Newcastle upon Tyne NE12 0SA
Headmaster: Mr. T. W. King, B.A.
Required for September 1, 1977, for a temporary one year appointment, Scale 1, TEACHER of FRENCH and, if possible LATIN to G.C.E. "O" Level.
Application forms are available on receipt of a stamped addressed envelope from the Headmaster to whom they should be returned within 10 days of the appearance of this advertisement.

NORTH YORKSHIRE
(County of)
MALTON SCHOOL
(Comprehensive 11-18
660 boys and girls)
Required for Autumn term, 1977, A TEMPORARY TEACHER in the LANGUAGES DEPARTMENT to teach GERMAN to "O" and "A" levels with some FRENCH to Lower School classes.
Apply by letter, including curriculum vitae and the names of two referees, to the Headmaster, Malton School, Middlecave Road, Malton, North Yorkshire YO17 0NH.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
CALVERTON FRANK WEELY COMPREHENSIVE SCHOOL
Flatts Lane, Calverton
Notts NG14 6JZ
Headmaster, C. A. Richardson, M.A.
Mixed 850 (11 to 16)
rising to 1,050
For September TEACHER of FRENCH (Scale 1), graduate preferred.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
FAIRHAM COMPREHENSIVE SCHOOL
Farnborough Road
Clifton Estate
Nottingham NG11 9AS
Headmaster
M. C. Pavey, O.A., M.A.
(Mixed, 1,600, 11 to 18)
For September, well-qualified TEACHER (Scale 1) of FRENCH with GERMAN or SPANISH, capable of teaching at all levels.
For details, telephone 0602 211331.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
TOOT HILL COMPREHENSIVE SCHOOL
The Banks, Bingham
Nottingham NG13 8BL
Headmaster: R. Hopwood, O.A.
(Mixed 1,400: 11 to 18)
For September, TEACHER, HONOURS GRADUATE (Scale 1), to teach FRENCH to G.C.E. "O" and "A" level and, if possible, GERMAN to "O" level.
The Languages Department is equipped with a 36-booth audio-active language laboratory, a 32-booth audio-active comparative language laboratory and four audio-active classrooms. French is taught throughout the school and German is started in the fourth year.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
TUXFORD COMPREHENSIVE SCHOOL
Lincoln Road, Tuxford
Newark, Notts NG22 0JH
Headmaster: D. W. Woodward, B.Sc.
Mixed: 770 (11 to 18)
rising to 900+
For September, TEACHER (Scale 1) of FRENCH. Opportunities include work to C.S.E. "O" level. In this developing school, Ability to introduce German eventually leading to "A" level an additional asset.
Applications (no forms) to the Headmaster, with names of two referees. Closing date, July 1, 1977.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
VALLEY COMPREHENSIVE SCHOOL
South Lane, Worksop
Notts. S81 7DQ
Headmaster, J. M. Johnson, B.A.
Mixed: 1,500 (11 to 18)
For September, TEACHER (Scale 1) for GERMAN and FRENCH. "O" level work immediately available.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

OXFORDSHIRE
COUNTY COUNCIL
GOSFORD HILL SCHOOL
(Roll 1,400)
Kidlington, Oxford OX5 2NT
Required for September, 1977, for this 11 to 18 established Comprehensive School, a Linguist to teach mainly FRENCH. Applicants must be Graduates and willing to teach to all ages and abilities up to "A" level. Scale 1 post suitable for newly qualified teacher.
Apply by letter to the Headmaster at the school giving full curriculum vitae and naming two referees.

OXFORDSHIRE
COUNTY COUNCIL
PEERS SCHOOL
Littlemore, Oxford OX4 5JY
Wanted for September, a well-qualified TEACHER of GERMAN and RUSSIAN above to teach both languages to "A" level but also interested in working lower down the school with a wide ability range of pupils in this Comprehensive 13 to 18 school.
The Languages Department is in new accommodation and is well provided with modern aids, including a languages laboratory. It is hoped to appoint a teacher who will make enthusiastic use of these excellent facilities.
Applications to the Head Teacher enclosing full details and names and addresses of two referees.

REDBRIDGE
(London Borough of)
HIGHTOWN HALL HIGH SCHOOL
Elmcroft Avenue, Wanstead, E.11
Telephone: 989 9092
Headmaster: Mr. M. J. Wootton, B.Sc., L.R.I.C., M.I.Biol.
Suitably qualified TEACHER of FRENCH (Scale 1) required for September 1977 in this rapidly developing comprehensive school. Ability to offer a second language or European Studies or Physical Education would be an advantage. Outer London Allowance is payable.
Further details and application forms available from the Headmaster, sc STAP.
To be returned as soon as possible.

SHEFFIELD
EDUCATION COMMITTEE
HAWFIELD SCHOOL
Lees Hall Road, Sheffield S8 9JP
(11 to 18 comprehensive)
Required for September, 1977, a TEACHER of GERMAN to teach throughout the school to "A" level. Scale 1.
Application form and further details can be obtained from the Headmaster and should be returned to him within 14 days of the appearance of this advertisement.

STAFFORDSHIRE
COUNTY COUNCIL
EDUCATION COMMITTEE
NORTHERN AREA
Required for September, 1977:
KNUTTON COUNTY SECONDARY SCHOOL
High Street, Knutton,
Newcastle, Staffs.
Group 8
Age-range 11 to 16 years.
Number on Roll 580
FRENCH TEACHER (Scale 1) to assume responsibility for this subject throughout the school up to C.S.E. level.
Forms of application are obtainable, on receipt of a stamped addressed envelope, from the Head Teacher, Mr J. Hodges, "Glengarriff," Gravelly Hill, Ashley, Market Drayton, Salop, to whom they should be returned not later than 9th July, 1977.
EDWARD ORME SCHOOL
Galloways Lane, Newcastle, Staffs.
Group 10
Age-range 11 to 18 years.
Number on Roll 980
FRENCH TEACHER (Scale 1) to assist with the teaching of French up to C.S.E. "O" level in this newly organized mixed comprehensive school.
Forms of application are obtainable, on receipt of a stamped addressed envelope, from the Head Teacher to whom they should be returned not later than 9th July, 1977.

STAFFORDSHIRE
EDUCATION COMMITTEE
CODSALL HIGH SCHOOL
Elliotts Lane, Codsall
Wolverhampton
A Graduate GERMAN TEACHER is required to teach to all examination levels, including "A" level. Subsidiary French would be an advantage.
Letters of application, giving names and addresses of two referees to be sent to the Headmaster at the school as soon as possible.

SUFFOLK
COUNTY COUNCIL
THURSTON UPPER SCHOOL
(Mixed comprehensive 13-18: 1,300 on roll)
Required for September, 1977, TEACHER (Scale 1) of FRENCH and GERMAN. Well developed courses to G.C.E. "O" and "A" and C.S.E. levels.
Further details and application forms obtainable (stamped foolscap envelope, please) from the Headmaster, Thurston Upper School, Thurston, Bury St. Edmunds.

TAMESIDE
(Metropolitan Borough)
LONGDENDALE COMPREHENSIVE SCHOOL
Hollingworth, via Hyde
Developing 11 to 16 school in new buildings.
ASSISTANT TEACHER — MODERN LINGUIST (FRENCH/GERMAN) Scale 1.
Application forms are available from The Head Teacher at the above address. Ref.: [illegible]

WARWICKSHIRE
ALDERMAN SMITH SCHOOL
Radnor Drive, Stockingford,
Nuneaton
1764 on roll
Required September TEACHER of FRENCH, Scale 1. Teaching programme covers all ages and abilities and opportunity exists for successful candidate to teach Drama in Specialist drama studio.
Please telephone the Head at the School (Nuneaton 511341).

WARWICKSHIRE
CAMPION HIGH SCHOOL
Sydenham Drive, Leamington Spa CV31 1QH
1900 on roll 12-18 comprehensive)
Required September TEACHER of FRENCH, Scale 1. Suitable for college leaver. Ability to offer History, Geography an advantage.
Application form available from the Head at the school (stamped addressed envelope please).

WILTSHIRE
THE JOHN OF GAUNT SCHOOL
Wingfield Road, Trowbridge, Wilts
(Mixed Comprehensive from Grammar School: 1,230)
Required for September: Qualified person to teach FRENCH. Ability to teach Spanish an important advantage. Scale 1 post.
Apply to Headmaster for details of post and of the school (large stamped addressed envelope). Early application advisable.

WIRRAL
(Metropolitan Borough of)
ROCK FERRY HIGH SCHOOL
Ravenswood Avenue, Birkenhead
Wirral, Merseyside
(Boys' Comprehensive)
For beginning of Autumn Term. MASTER or MISTRESS, Scale 1. To teach SPANISH to "A" level standard.
Apply in writing (with curriculum vitae) as soon as possible to the Headmaster, from whom further details may be obtained.

Music

Heads of Department

BRENT
(London Borough of)
CONVENT OF JESUS AND MARY HIGH SCHOOL
Crownhill Road, NW10 4EP
(Roll 776, 11 to 18)
Required from September or as soon as possible thereafter:
HEAD of MUSIC Department (Scale 3)—the post involves the supervision of a number of Peripatetic instructors and the organisation of an expanding Department. It is expected that Music will play an increasingly important part in the academic and social life of the school.
London allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.
Candidates should apply by letter to the Head of the School within seven days giving age, present post, qualifications, experience and referees.

CORNWALL
EDUCATION COMMITTEE
There is a scheme for removal expenses.
HEAD OF INSTRUMENTAL MUSIC SERVICE—SCALE 4
(Re-advertisement)
Required for 1st January, 1978 or as soon as possible. The successful candidate will be responsible to the Senior County Music Adviser for the quality of teaching given by the Service; for its organisation and efficient operation within the overall aims and priorities of the County Music Service. Duties will also include elements of instrumental teaching, the encouragement of ensemble work, and recitals in schools.
A person of enthusiasm and broad musical sympathies is looked for, with a high standard on their specialist instrument, and varied experience of music in schools.
A car is essential.
Further details and an application form may be obtained from the Senior County Music Adviser, Old County Hall, Truro, Cornwall. Closing date for applications, Wednesday, July 6th, 1977. Applications received in response to earlier advertisement will be reconsidered.

DERBYSHIRE
EDUCATION COMMITTEE
ILKESTON SCHOOL
King George Avenue, Ilkeston,
Derbyshire
(800 boys and girls)
Required for preferably September, 1977, or as soon after as possible, HEAD of MUSIC DEPARTMENT Scale 3 post.
Apply to Headmaster giving names of two referees.

DORSET
WESTHAM COUNTY SECONDARY SCHOOL
(1,130—Mixed)
Required September, or as soon as possible thereafter, HEAD of MUSIC DEPARTMENT (Scale 4).
Assistance with removal and incidental expenses.
Further details and application forms available from the Acting Head, Westham Secondary School, Chickerell Road, Weymouth—stamped addressed envelope, please.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
CANTERBURY DIVISION
SIR WILLIAM NOTTIDGE SECONDARY SCHOOL
Whitstable CT5 1PX
(Co-educational, 1,300 pupils)
Headmaster: G. E. Pike, B.A.
Required for September or January well qualified and enthusiastic HEAD of MUSIC (Scale 3) to develop Music within the curriculum and in the general life of the school with instrumental and choral groups. The post requires breadth of musical interests rather than academic teaching.
Immediate applications by letter to the Head Teacher of the school.
MAIDSTONE DIVISION
LINTON, THE CORNWALLIS SCHOOL
Near Maidstone
1,430 Mixed, 11 to 17 High School with a comprehensive intake and some transfers to Upper Schools at 13 plus, courses to C.S.E. and "O" level.
Required September or January BRASS Specialist as HEAD of MUSIC (Scale 3). Establish brass band and instrumental groups.
Applications with curriculum vitae and naming two referees to the Headmaster.

SEFTON
(Metropolitan Borough of)
EDUCATION COMMITTEE
KING GEORGE V SCHOOL/SIXTH FORM COLLEGE
Required for January 1978—
DIRECTOR of MUSIC, Scale 4.
Please write for further details to Headmaster, King George V School, Southport, Merseyside PR8 6OR.
Closing date 4th July 1977.

Other Posts on Scale 2 and above

BERKSHIRE
DESBOROUGH COUNTY SECONDARY SCHOOL
Shoppenhangers Road, Maidenhead
Required in September, a temporary TEACHER of MUSIC for the Autumn Term to assist in running the department until the appointment of a new Director of Music in January, 1978. The school, which offers 6th year of its progressive transition from Boys' (Maidenhead) Grammar to 11 to 18 Boys' Comprehensive, has outstanding musical tradition with choirs and orchestra, giving many concerts (including Royal Festival Hall) each year.
The temporary post will be on Scale 1 or 2 according to experience and the teacher appointed will be considered for the permanent post in January.
This will be advertised in September and full details will be sent in response to inquiries, which are now welcome.
London Fringe Allowance £150.
Apply with full details to Headmaster (stamped addressed envelope) when further particulars will be supplied. Closing date, July 11, 1977.

NORTH YORKSHIRE
(County of)
COUNTY MUSIC STAFF
Required for September, 1977.
TEACHER of MUSIC in Nidderdale, Scale 2 post.
Applications are invited for the post of CLASS TEACHER of MUSIC to teach two and a half days in the Upper Nidderdale High School, two days in contributory primary schools and on Saturday mornings at the Music Centre which is situated in Harrogate. The date has the services of peripatetic teachers of upper strings, lower strings, brass, woodwind instruments and guitar.
Application forms (stamped addressed envelope) available from the County Education Officer, Room 143, County Hall, Northallerton, North Yorkshire DL7 8AE, to whom completed forms should be returned within 10 days of the appearance of this advertisement.

SUFFOLK
COUNTY COUNCIL
COUNTY MUSIC STAFF
There will be a vacancy from September, 1977, for a full-time PERIPATETIC TEACHER of BRASS INSTRUMENTS to work mainly in secondary schools in the Southern Area of the County based on Ipswich. Preference will be given to an executant of the French Horn who is also able to teach the whole range of brass instruments, orchestral and band, and a Scale 2 appointment is available for an appropriately qualified musician. Applicants should hold a current driving licence.
Further details and application forms (stamped addressed envelope please) are available from the Senior County Music Adviser, Shire Hall, Bury St. Edmunds.

Scale 1 Posts

BERKSHIRE
LITTLE HEATH COMPREHENSIVE SCHOOL
Little Heath Road, Tilehurst,
Reading.
For September in this expanding 11 to 18 comprehensive school, roll 1,120, to teach MUSIC in a well-equipped music centre. The subject is taken to G.C.E. "O" and "A" levels. The post offers an opportunity to a lively teacher to help develop all aspects of music making, especially guitar playing and folk singing.
Forms, etc., from the Headmaster (stamped addressed envelope).
Closing date 4th July, 1977.

BRENT
(London Borough of)
AYLESTONE HIGH (MIXED) SCHOOL
Aylestone Avenue, NW6 7AO
(Roll 1,600, 11 to 18, 200 in Sixth Form, multi-racial, comprehensive, Social Priority School)
Headmaster: Brian Farmiser, B.A.
Required in September or as soon as possible thereafter—
MUSIC TEACHER (Scale 1) to teach within the Faculty of Expressive Arts. Visiting teachers assist with Brass, Wood and String instruments and there is a developing choir. For this post an interest in Steel Band music would be an additional recommendation.
London allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.
Candidates should apply by letter to the Head of the school within seven days, giving age, present post, qualifications, experience and references.

BUCKINGHAMSHIRE
MILTON KEYNES DIVISION
LORD GREY SCHOOL
Bletchley
(Group 11 Comprehensive)
TEACHER, Scale 1, required for September 1977.
For full details see SECONDARY EDUCATION, HISTORY SECTION, Scale 1 posts.

CHANNEL ISLANDS
STATES OF JERSEY
EDUCATION COMMITTEE
JERSEY COLLEGE FOR GIRLS
(850 pupils five to 18)
Required in September, well-qualified TEACHER of MUSIC, preferably a competent pianist, to teach to "O" and "A" levels. The College has a strong tradition of Music and there are school orchestras, choirs, and ensembles. The teacher appointed would be expected to contribute to this work and its development.
Application forms and further details from the Director of Education, Highlands, St. Saviour, Jersey, C.I. (telephone 0534 71065, extension 2011) and returned as soon as possible to the Head Teacher of the school.

SECONDARY
Music
continued

CALDERDALE
(Metropolitan Borough of)
EDUCATION DEPARTMENT
RIVINS WOOD SECONDARY SCHOOL
(850 on roll)
Field Top Road, Rastrick, Brighouse HD6 3XB
A vacancy occurs for a TEACHER of MUSIC (Scale 1) from 30th August, 1977, at this new well equipped school.
Letters of application, giving curriculum vitae and the names and addresses of two referees, to the Headmaster by 4th July, 1977.

CROYDON
(London Borough of)
TAUNTON MANOR HIGH SCHOOL
Ducefield Road, Old Coulsdon, Surrey, CR3 1BB
Telephone: Downland 51161
Tenable: 1st September 1977
Required: a well qualified TEACHER to assist the Director of Music with the teaching of MUSIC throughout the school; and also to offer some assistance with the teaching of any two of the following: French, English, Latin, Divinity.
The school has a strong Music tradition, and is modern and very well equipped.
Salary: Burnham Scale 1 (STAP) with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from (and returnable to) the Head Teacher at the above address as soon as possible.

CUMBRIA
EDUCATION COMMITTEE
DOWDALES SCHOOL
Dalton-in-Furness, LA15 8AH
(Comprehensive: 11-16: Mixed: Roll 1,060)
Required for September, 1977, TEACHER for MUSIC. Scale 1 or 2 according to qualifications and experience. A creative approach to the teaching of making of Music and the ability to develop choral work are required.
Application forms and further details (stamped addressed envelope) from the Head, to whom they should be returned by 8 July, 1977.

DEVON
SOUTHWAY SCHOOL
Rockfield Avenue, Southway, Plymouth
(Comprehensive, co-educational 1,700 on roll)
Required from September an enthusiastic TEACHER for MUSIC and RELIGIOUS EDUCATION. Scale 1. To have qualifications in both subjects mainly in first three years of the school.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

HERTFORDSHIRE
COUNTY COUNCIL
EAST HERTS DIVISION
CHESHUNT SCHOOL
Windmill Lane, Cheshunt, EN8 9AT
1000 mixed; 120 taking Advanced level; 11 to 18 all-ability
Qualified VIOLIN TEACHER required September for two hours per week teaching Grade III to Singing standard. Flourishing department of seven staff. Two orchestras, two bands. Excellent facilities. Music an integral part of the curriculum. Proportionate London fringe allowance.
Please write fully (no forms) to the Headmaster, naming two referees.

HERTFORDSHIRE
COUNTY COUNCIL
NORTH HERTS DIVISION
NORTH HERTS MUSIC CENTRE
Full-time TEACHER of VIOLIN for primary and secondary schools required for September, 1977. Ability to coach early stages of cello an advantage. Car driver essential.
Apply in writing as soon as possible to The County Music Adviser, care of Mr. R. J. Pope, North Herts Music Centre, Highbury Road, Hitchin, quoting two referees.

KNOWSLEY
(Metropolitan Borough of)
RUFFWOOD COMPREHENSIVE SCHOOL
Roughwood Drive, Northwood, Kirkby, L33 8XF
(1,900 boys and girls; 130 in Sixth Form)
For September 1977: MUSIC (Scale 1). Ability to coach strings and woodwind welcome. Slight subsidiary subject offered. B.P.A. payable.
For further information, send stamped addressed envelope to the Headmaster, to whom applications, giving details of age, qualifications and experience and naming two referees, should be sent as soon as possible.

KNOWSLEY
(Metropolitan Borough of)
ST. AUGUSTINE'S OF CANTERBURY R.C. COMPREHENSIVE SCHOOL
Longview Drive, Huyton, Liverpool
(1,138 boys and girls; 11 to 18)
For September, 1977: SECOND in MUSIC Department. Interest and ability to prepare pupils for C.S.E. and "O" level examinations. Good facilities in specially designed Music Block. Scale 2 for suitably qualified and experienced teacher but application from newly-trained teachers considered.
B.P.A. payable.
Apply as soon as possible by letter to Headmaster, giving details of qualifications, experience and extra-curricular activities and naming two referees.

LONDON, S.W.1
GREY COAT HOSPITAL
Greycoat Place, Westminster
(Voluntary-Aided Church of England School, 837 girls, 11 to 18 years)
Required for September—qualified University GRADUATE to share the teaching of MUSIC (Scale 1) throughout the school to A.L. and University entrance. There is a strong Music department with opportunities for choral and orchestral work.
The school reorganises in September by taking its first all-ability first year intake.
Apply by letter to the Headmistress without delay, enclosing curriculum vitae and names of two referees.

NORTH YORKSHIRE
(County of)
(Readvertisement)
LOWFIELD SECONDARY MODERN SCHOOL
Dijon Avenue, Acomb, York YO2 3DD
11-16 mixed, roll 600
Required for September, 1977:— ASSISTANT TEACHER, Scale 1, to specialise in the teaching of MUSIC throughout the school. Established C.S.E. courses and instrumental groups. Specialist music room with excellent facilities.
Apply by letter, without delay, to the Headmaster, giving full career details and the names and addresses of two referees. Please enclose stamped addressed envelope. Previous applicants still wishing to be considered need only indicate by letter.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified Teachers for the following post:
THE TRINITY SCHOOL
Beechdale Road, Aspley, Nottingham, NG8 3EZ
(850 mixed: 11 to 18)
Headmaster: A. Morphy, O.A.
For September: TEACHER (Scale 1) to teach MUSIC throughout the school, including examination courses. Possibility of Scale 2 for suitably qualified applicant.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

SOLIHULL
EDUCATION COMMITTEE
SMITHS WOOD SCHOOL
Chapelhouse Road, Chelmsley Wood, Birmingham, B37 5JS
This 11 to 18 mixed school opened in 1969 in purpose-built premises. Current number on roll 1,170. Required for September 1977: TEACHER of MUSIC (Scale 1). Ability to teach some Lower School French would be an advantage. This post would be suitable for a first appointment.
Applications, enclosing foolscap stamped addressed envelope, to the Headmaster, John Dalton, at the School. Anyone who has already made a general application to the Authority and who is interested in this post should state this when writing.

SUTTON
(Borough of)
GLASTONBURY HIGH SCHOOL FOR BOYS
Glastonbury Road, Morden, Surrey SM4 6NZ
Required for September, an assistant to take charge of Music in the school and teach either English or R.E. Instrumental music is taught by visiting teachers.
The school has courses to C.S.E. and G.C.E. "O" and "A" level. An ability and willingness to help with games is looked for. A graded post is available for a suitably qualified and experienced teacher.

Pastoral

Other Posts on Scale 2 and above

DEVON
IVYBRIDGE SCHOOL AND COMMUNITY COLLEGE
Ivybridge, Devon
SCHOOL COUNSELLOR required salary Scale 3.
Application forms and details from Headmaster. Returnable to him within 14 days (stamped addressed envelope).

ESSEX
THE BOSWELLS SCHOOL
(Roll 1,500)
Burnham Road, Springfield, Chelmsford.
Telephone: Chelmsford 64401
SENIOR TUTOR
Scale 4. For Sixth Form in January, to co-ordinate work of team of tutors and lead a varied and active programme of educational and social activities. Well established Sixth Form of 150.
Closing date extended to 30th June.
Application forms and further particulars may be obtained from the Head of the school to whom completed application forms should be returned.

KNOWSLEY
(Metropolitan Borough of)
RUFFWOOD COMPREHENSIVE SCHOOL
Roughwood Drive, Northwood, Kirkby, Liverpool L33 8XF
(1,900 boys and girls, 130 in Sixth Form)
B.P.A. payable
For January, 1978 (or September, 1977 if possible), HOUSEMASTER/HOUSEMISTRESS
Scale 4
To provide community leadership, academic guidance and pastoral care for 340 pupils aged 11 to 18. Senior housemaster posts at Scale 4 are normally filled by internal promotion.
For further information, send stamped addressed envelope to the Headmaster to whom applications, giving details of age, qualifications, and experience, together with the names of two referees, should be sent as soon as possible.

NEWCASTLE upon Tyne
(City of)
EDUCATION COMMITTEE
WEST DENTON HIGH SCHOOL
HOUSE TUTOR (Scale 4)
Required for January, 1978, a suitably qualified and experienced teacher for appointment to a Scale 4 post as House Tutor at this county school.
Application forms obtainable from the Director of Education, Civic Centre, Newcastle upon Tyne, NE1 8PU, to be returned to the Headmaster, West Denton High School, West Denton Way, Newcastle upon Tyne, NE5 2NZ, within 14 days of the appearance of this advertisement.

NORTHAMPTONSHIRE
MOULTON SCHOOL
Pound Lane, Moulton, Northampton NN3 1SD
Required for September, 1977 if possible, TEACHER for CAREERS. Scale 2 initially, to be responsible for careers advice and education including Further Education and University admission.
Initially a second subject will be required, preferably Technical Drawing, but others will be considered.
The school is situated in modern buildings on the outskirts of Northampton and is expanding to become an 11 to 18 Comprehensive School.
Application forms and further details are available from the Headmaster (stamped addressed envelope). Closing date for application July 1st.

Scale 1 Posts

LONDON, N.W.1
ST. RICHARD OF CHICHESTER SCHOOL
Royal College Street, N.W.1
(Roman Catholic Voluntary Aided school, 900 boys and girls)
Scale 1 ASSISTANT TEACHER for the Lower School required for September, 1977. Main subjects offered MATHEMATICS and FRENCH. Ability to participate in the pastoral work of the school is especially valued.
Apply Headmaster.

Physical Education

Heads of Department

CHANNEL ISLANDS
STATES OF JERSEY EDUCATION COMMITTEE
ST. HELIER GIRLS' SCHOOL
(Roll 950)
HEAD OF PHYSICAL EDUCATION DEPARTMENT
(Scale 3)
Required if possible from September, 1977, otherwise 1st January, 1978.
Letters of application should be sent direct to the Head Teacher, St. Helier Girls' School, St. Helier, C.I., as soon as possible.

LONDON
WESTMINSTER CITY SCHOOL
55 Palace Street, London, S.W.1
For January, 1978, or September, 1977, if available, HEAD of PHYSICAL EDUCATION at this three-form entry boys' grammar school, accepting a four-form entry comprehensive intake from September, 1977.
Scale 4 available for experienced and energetic teacher able to organise and direct a wide range of sports on and off site, including many Saturday matches. Job description will be sent on receipt of application.
Applications to the Headmaster, no forms, giving names of two referees.

STAFFORDSHIRE
EDUCATION COMMITTEE
CHESLYN HAY HIGH SCHOOL
Saltbrook Road, Cheslyn Hay, Walsall
Applications are invited from suitably qualified and experienced TEACHERS for the post of HEAD of GIRLS' PHYSICAL EDUCATION (Scale 3) for this new purpose-built 13 to 18 Comprehensive School opening in September, 1977, when the school will receive its first 13-plus intake.
Application forms obtainable from, and returnable to the Head Teacher, care of Chase Teachers' Centre, 110 Walsall Road, Cannock.

Other Posts on Scale 2 and above

OXFORDSHIRE
COUNTY COUNCIL
CHENEY SCHOOL
Cheney Lane, Headington, Oxford OX3 7QH
TEACHER (Scale 2) required for September or January to take charge of GIRLS' PHYSICAL EDUCATION within the Physical Education department.
Willingness to give much time to out of school activities, including the running of teams essential.
Apply by letter, direct to the Headmaster, enclosing curriculum vitae and the names of two referees. Further details sent on request.

Scale 1 Posts

BARKING
(London Borough of)
BISHOP WARD R.C. COMPREHENSIVE (BOYS') SCHOOL
Wood Lane, Dagenham
(Roll 740)
Required for September, 1977:— BOYS' PHYSICAL EDUCATION—PHYSICAL EDUCATION SPECIALIST to join a thriving department with a well-established Mode 3 C.S.E. Stream. Ability to offer soccer an advantage with Mathematics or Biology as a second subject. Scale 1.
London Addition £402 per annum.
Reimbursement of removal expenses in approved cases.
Application form available (stamped addressed envelope) from the Head Teacher, returnable by 7th July, 1977.

BUCKINGHAMSHIRE
BEACONSFIELD/CHILTERN DIVISION
THE ORCHARDHILL SCHOOL
Stanley Hill, Amersham, Bucks
Head: Mrs. M. Stephenson, M.A.
(Number on roll 630)
Required as soon as possible—Qualified TEACHER of PHYSICAL EDUCATION with a share in Humanities teaching. This is a strong department with excellent facilities and high standards well established in Athletics, Netball, Hockey, Cross-country and Tennis. An interest in Dance would be an asset.
London fringe area allowance of £150 p.a. in addition to Burnham salary.
Removal expenses up to £100 payable in approved cases.
Apply, with details, to The Headmistress, enclosing a stamped, addressed envelope.

CROYDON
(London Borough of)
FAIRCHILDES HIGH SCHOOL
Fairchildes Avenue, New Addington CR0 0AA
Telephone: Lodge Hill 43307
Tenable: 1st September 1977
GIRLS' PHYSICAL EDUCATION Specialist in this 11 to 16 comprehensive. Please state if other subjects can be offered.
Salary: Burnham Scale 1 (STAP) with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Applications giving full curriculum vitae and the names of two referees should be sent direct to the Head Teacher as soon as possible.

CROYDON
(London Borough of)
LANFRANC HIGH SCHOOL
Mitcham Road, Croydon CR9 3AS
Telephone: 01-689 1255
Tenable: 1st September 1977
TEACHER required to take GIRLS' GAMES plus either GEOGRAPHY or MUSIC in this 11 to 16 comprehensive school.
Salary: Burnham Scale 1 (STAP) with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from and returnable to the Head Teacher of the above address as soon as possible.

CROYDON
(London Borough of)
MONKS HILL HIGH SCHOOL
Farnborough Avenue, South Croydon CR2 8HD
Telephone: 01-657 8935
Tenable: 1st September, 1977
TEACHER of GIRLS' PHYSICAL EDUCATION at this school of 1,270 boys and girls opened in September, 1970, in new buildings. The facilities are excellent and include a gymnasium, a sports hall, hard and grass pitches. The Department is very active and has a good record of sporting achievement.
Salary: Burnham Scale 1 (STAP) with London Area Allowance.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from and returnable to the Head Teacher of the above address as soon as possible.

CROYDON
(London Borough of)
SYLVAN HIGH SCHOOL
Maberley Road, London SE19 2JH
Telephone 01-771 2261
Tenable July 11 or September 1, 1977—
TEACHER of GIRLS' PHYSICAL EDUCATION plus MATHEMATICS.
A temporary appointment arises from Maternity leave arrangements, probably on contract and possibly extending to April 1978, or later.
Salary: Burnham Scale 1, with London Area Allowance.
Please send stamped addressed envelope for application form (STAP) from and returnable to the Head Teacher of the above address by July 5, 1977.

CUMBRIA
EDUCATION COMMITTEE
SALTERBECK SCHOOL
Workington
(11 to 16; roll 660; mixed comprehensive with guided parental choice for transfer at 13-plus)
Required for September, 1977, a TEACHER for Boys' PHYSICAL EDUCATION and GAMES (Scale 1). School offers both rugby and soccer, there is use of the local swimming pool; a Field Centre is permanently available in Eskdale for outdoor pursuits and a C.S.E. course in Human Movement has been established. Candidates should state their other subject interests.
Please write full letter of application to the Headmaster, K. W. Thurm, M.A., at the school, including the names of two referees. Closing date of application, Friday, 15th July.

DEVON
EXETER ST. THOMAS HIGH SCHOOL
(Roll 1,020)
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER for GIRLS' PHYSICAL EDUCATION.
Scale 1 post.
The successful applicant will be expected to take up the appointment in September 1977.
Letters of Application with curriculum vitae and names and addresses of two referees to Head Teacher, St. Thomas High School, Cowick Lane, Exeter as soon as possible.

DEVON
SOUTHWAY SCHOOL
Rockfield Avenue, Southway, Plymouth
Comprehensive, Coeducational (1,700 on roll)
Required from September, two TEACHERS to teach GIRLS' PHYSICAL EDUCATION throughout the school. A keen interest in basketball and hockey an advantage. Scale 1. Good indoor facilities and open-air swimming pool.
CAMELS HEAD SECONDARY SCHOOL
Plymouth
Mixed (410 on roll)
Required September, a TEACHER for PHYSICAL EDUCATION and BOYS' GAMES throughout the school plus minority time subject, preferably Mathematics in the Lower School. Scale 1 plus E.P.A. allowance.
For above two posts, application forms (stamped addressed envelope) from Headmaster, returnable to him within 14 days.

EALING
(London Borough)
EDUCATION SERVICE
NORTHOLT HIGH SCHOOL
Eastcote Lane, Northolt, Middlesex UB5 4HW
Required for September, 1977, enthusiastic TEACHER (Scale 1) with special interest in modern educational dance to take GIRLS' PHYSICAL EDUCATION.
Playing field on site.
London Allowance £402.
In appropriate cases, subject to conditions, assistance may be granted for legal fees for house purchase, removal expenses, lodging subsistence and travel expenses whilst looking for accommodation.
Letters of application to the Head Teacher giving names and addresses of two referees as soon as possible (stamped addressed envelope) or S.T.A.P.

EAST SUSSEX
COUNTY COUNCIL
HOVE AREA
CARDINAL NEWMAN SCHOOL
Upper Drive, Hove BN3 6ND
(Roll 1,600 in September, 1977, 280 in sixth form)
Required for September 1977, Scale 1 TEACHER for BOYS' PHYSICAL EDUCATION, preferably with Mathematics or Science or heavy Crafts.
Generous scheme of relocation grants available in approved cases.
Application forms (stamped addressed envelope) and further details available from the Headmaster at the school.

HAMPSHIRE
ALDERMAN QUILLEY SCHOOL
Eastleigh
(11-16 Comprehensive Mixed. Number on roll 800)
PHYSICAL EDUCATION (Boys), Subsidiary Science.
Curriculum vitae to Head with two referees and stamped addressed envelope.

HAMPSHIRE
BROCKENHURST COLLEGE
Brockenhurst
(Number on roll 950. Sixth Form College)
Scale 1. PHYSICAL EDUCATION. Required September, 1977. Four in department. Responsibility for Netball/Girls' Athletics advantageous.
Application and curriculum vitae with stamped addressed envelope to Principal.

HARROW
EDUCATION COMMITTEE
PINNER SIXTH FORM COLLEGE
Specialist TEACHER for BOYS' PHYSICAL EDUCATION and RECREATIONAL ACTIVITIES.
See under Sixth Form and Tertiary Colleges, Scale 1.

HERTFORDSHIRE
(County Council)
THE SIR FREDERIC OSBORN SCHOOL
Herns Lane, Welwyn Garden City
Headmaster: Mr. H. R. Treweeks, M.A.(Cantab.)
TEACHER of BOYS' PHYSICAL EDUCATION/MATHEMATICS, Scale 1, required for September in this six-form entry comprehensive school with a large Sixth Form.
Applications in writing to the Headmaster at the school, giving two referees and giving curriculum vitae.

HOUNSLOW
(London Borough of)
EDUCATION COMMITTEE
EDUCATION DEPARTMENT
The Civic Centre, Lampton Road, Hounslow TW3 4DN
FELTHAM SCHOOL
Boundaries Road, Feltham, Middlesex TW13 5EW
Telephone number: 01-890 0167
11 to 18, Co-educational Comprehensive School. Number on Roll, 1,300
Headmaster: Mr Paul M. Grant, B.Sc.
Required an enthusiastic TEACHER of PHYSICAL EDUCATION (Boys), Scale 1, to join a department of four required in September. The School has a tradition of excellence in a wide range of sports including Football, Basketball, basic gymnastic work, Athletics, Swimming and Cricket. A person is sought who can make a substantial contribution to these sports and able to offer one or more of the following: Rugby, Volleyball and Badminton.
This 12-form entry Comprehensive School is situated near London Airport with easy access to Central London, M.4 and the open countryside of the Thames Valley. The buildings are modern and well equipped.
London Allowance £297 Payable.
If you are seeking your first appointment, please state, so that the appropriate form may be sent.
Letters of application (no forms) within seven days to the Headmaster giving details of qualifications, experience and the names of two referees.
The Education Committee has power to consider applications from experienced teachers for assistance towards removal, disturbance or separation expenses.

HUMBERSIDE
COUNTY COUNCIL
EDUCATION DEPARTMENT
EAST RIDING DIVISION
LONGCROFT SCHOOL
Burton Road, Beverley
Required for September, 1977, a TEACHER of GIRLS' PHYSICAL EDUCATION and GAMES in the Upper School (13 to 18 years).
Any combination of Physical Education and Dance skill would be acceptable with a genuine willingness to be involved in a wide range of out of school activities.
A small contribution to teach Biology to the third year would be acceptable although not essential.
Application forms are available from and returnable to the Headmaster at the school. Closing date for applications 4th July, 1977.

HUMBERSIDE
EDUCATION COMMITTEE
GRIMSBY DIVISION
WALTHAM TOLL BAR SCHOOL
New Waltham, near Grimsby
Number on Roll 1,600
Headmaster, T. K. Dimbo, M.A., F.R.G.S.
Required for 31st August, 1977:— TEACHER of PHYSICAL EDUCATION (Girls').
The Physical Education facilities are excellent and include a modern block gymnasium, full-size sports hall, and an indoor heated swimming pool with a diving area.
Enthusiasm and a willingness to play a full part in a large school are sought.
This is a comprehensive school in very modern purpose-built premises in a rural area surrounded by open fields. It serves the delightful area from the Lincolnshire Wolds to the East Coast.
Application forms and further particulars obtainable from the Headmaster at the school (or S.T.A.P.), to whom they should be returned within 10 days of the appearance of this advertisement.

LONDON, N.W.1
ST. RICHARD OF CHICHESTER SCHOOL
Royal College Street, N.W.1 (Roman Catholic Voluntary Aided School)
900 boys and girls
Scale 1 TEACHER of Girls' PHYSICAL EDUCATION required for September 1977. Ability to help with the pastoral work of the school would be especially valued.
Apply Headmaster.

LONDON, S.E.16
BACON'S C.E. COMPREHENSIVE SCHOOL
Delaford Road
PHYSICAL EDUCATION—GIRLS
Required in September, a TEACHER for the GIRLS' PHYSICAL EDUCATION DEPARTMENT. This is a six-form entry mixed C. of E. School. High standards of discipline and appearance maintained.
Apply in writing to the Headmaster of the school giving full details of qualifications and names of two referees.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
FAIRHAM COMPREHENSIVE SCHOOL
Farnborough Road, Clifton Estate, Nottingham NG11 9AB
Headmaster: M. C. Pavey, B.A., M.A.
Mixed: 1,600 (11-18)
For September, a well qualified TEACHER of GIRLS' PHYSICAL EDUCATION (Scale 1), capable of teaching throughout the school.
For details, telephone 0602 211131.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

REDBRIDGE
(London Borough of)
LOXFORD HIGH SCHOOL
Loxford Lane, Ilford IG1 2UT
Telephone: 553 2434
Head: Mr. R. H. N. Markarian, E.R.D., M.A., F.R.S.A.
Suitably qualified temporary TEACHER of BOYS' PHYSICAL EDUCATION (Scale 1) required from September 1977 for one year owing to the secondment of a present member of this large department in this large, mixed 11 to 18 comprehensive school which has a sports centre, large swimming pool and access to good playing fields.
Outer London Allowance is payable.
Further details and application forms available from the Headmaster at the school, or STAP.
To be returned as soon as possible.

RICHMOND UPON THAMES
(London Borough of)
SHENE SCHOOL
Park Avenue, East Sheen, London, SW14
(900 pupils)
11 to 16 Mixed Comprehensive School opening September, 1977
PHYSICAL EDUCATION DEPARTMENT
Two PHYSICAL EDUCATION specialists are required to complete a team of four staff of this new school. There are excellent facilities on the school site and in the immediate vicinity for the whole range of sporting and recreational activities. In addition to a large gymnasium the school will have a fully equipped Sports Hall and some on site playing field accommodation. The school is located between the River Thames and Richmond Park and extensive playing field and track event provision is available nearby.
POST 1, BOYS' PHYSICAL EDUCATION (SCALE 1)
In addition to all round skills and gymnastics, candidates offering ability in water sports (sailing, rowing, etc.) preferred.
POST 2, GIRLS' PHYSICAL EDUCATION (SCALE 1)
In order to complement the other members of the Department, candidates able to offer Dance and Movement Studies in addition to general all round skills preferred.
Forms (foolscap stamped addressed envelope) from Director of Education, Regal House, London Road, Twickenham, TW1 3QB, returnable to the Headmaster Designate at the school by 4th July.

SHEFFIELD
EDUCATION COMMITTEE
CHURCH SCHOOL
Wordsworth Avenue, Sheffield S5 8NH
(Mixed 13-18 Comprehensive 1,500 on roll, 311 in Sixth Form)
Required for September, 1977, a TEACHER, Scale 1, for GIRLS' PHYSICAL EDUCATION. The school is housed in two buildings on the same site together with a separate purpose built Sixth Form Centre. An Adult Centre is located in the Upper School and forms an integral part of the Campus provision.
Forms of application may be obtained from the Head of Campus to whom they should be returned as soon as possible.

SHROPSHIRE
EDUCATION COMMITTEE
MEOLE BRACE MODERN SCHOOL
Longden Road, Shrewsbury
Scale 1 specialist TEACHER for BOYS' PHYSICAL EDUCATION, September, 1977.
Closing date July 8th.
Further details from Head (stamped addressed envelope).

SURREY
COUNTY COUNCIL
BISHOP FOX SCHOOL
Walton Road, West Molesey
(11 to 16 mixed comprehensive 750 pupils)
Wanted for September, TEACHER of GIRLS' PHYSICAL EDUCATION and GAMES. Scale 1.
Applications to the Headmaster by letter with full details of suitability.

SUTTON
(London Borough of)
WALLINGTON HIGH SCHOOL FOR GIRLS
Woodcote Road, Wallington, Surrey SM6 0PH
Required for September, 1977: TEACHER to share in the teaching of PHYSICAL EDUCATION throughout the school. Ability to maintain and promote well-developed interest in Dance. Athletics and Netball an advantage.
Apply to Head Mistress at the school with curriculum vitae, two testimonials and names of two referees.

TAMESIDE
(Metropolitan Borough)
LONGDENDALE COMPREHENSIVE SCHOOL
Hollingworth, Via Hyde
Developing 11-16 school in new buildings
ASSISTANT TEACHER, GIRLS' PHYSICAL EDUCATION/OUTDOOR PURSUITS, Scale 1.
Application forms are available from the Head Teacher at the above address. Reference 15026/TES.

WAKEFIELD (City of)
METROPOLITAN DISTRICT COUNCIL
CASTLEFORD HIGH SCHOOL
Required for Autumn Term 1977 only:
(1) TEACHER of GIRLS' PHYSICAL EDUCATION,
(2) TEACHER of BOYS' PHYSICAL EDUCATION.
The posts will be temporary for one term in the first instance pending the appointment of Head of Department. The School has reasonable facilities including a Sports Hall and Gymnasium. Candidates should state their special interests.
Requests for application forms and further details (accompanied by a stamped addressed envelope) should be addressed to The Education Department, 8 Bond Street, Wakefield, to be returned as soon as possible.

WEST SUSSEX
WESTERN AREA
THE BOURNE SCHOOL
Southbourne, Emsworth, Hants
11 to 18 mixed comprehensive, 720 pupils.
Required September, ASSISTANT for GIRLS' PHYSICAL EDUCATION with GENERAL SUBJECTS. Geography an advantage.
Form and details from Head of School on receipt of stamped addressed envelope.

WILTSHIRE
SHELDON SCHOOL
Chippenham
Group XI
(Comprehensive, mixed: roll September, 1977—1,300)
Required for 1st September, 1977, a suitably qualified TEACHER to assist with BOYS' PHYSICAL EDUCATION until 31st December, 1977. This is a temporary appointment for one term only, in the first instance, pending the appointment of a Head of Physical Education Faculty. Excellent facilities, including access to a sports hall, are available in a parkland setting.
Letters of application to Headmaster with curriculum vitae and referees by Friday, 24th June, 1977.
Applicants who have not been called for interview by 1st July, 1977, should assume that the post has been filled.
Sheldon School, Hardenhuish Lane, Chippenham, Wiltshire SN14 6HJ.

Religious Education

Heads of Department

ESSEX
FRYERNS SCHOOL
(Roll 1,500)
Craylands, Basildon SS14 3RN
Telephone Basildon 20111
HEAD OF RELIGIOUS EDUCATION
Scale 3 or 4. Required for September, experienced, well-qualified TEACHER in this co-educational, comprehensive school. The Department provides a basic course in Years 1-3 and an option course to "O" and C.S.E. in Years 4-5. An important additional responsibility is the oversight of an Upper School course in Religious Education, vocational guidance and personal development. London Fringe Allowance of £150 payable.
Please apply to the School by letter, enclosing two stamped addressed envelopes (for acknowledgment of receipt and notification of result of application).

SECONDARY
Religious Education
continued

HAMPSHIRE
APPLEMORE COMPREHENSIVE SCHOOL
Dibden Purlieu, near Southampton
Number on roll 900, 11-16 Mixed
Scale 2, HEAD of RELIGIOUS EDUCATION. To organise subject throughout school to "O" and C.S.E. level.
Application and curriculum vitae with stamped addressed envelope to Head.

HILLINGDON
(London Borough of)
BISHOP RAMSEY C. OF E. COMPREHENSIVE SCHOOL
Warrender Way, Ruislip, Middlesex HA4 8EE
Head Teacher Designate: J. Oute,
Required for January, 1978, or September, 1977 if possible a HEAD of DEPARTMENT for RELIGIOUS EDUCATION in this newly formed Church of England Comprehensive School. Scale 3 though possibility of Scale 4 for exceptionally well qualified and experienced candidate. The Department is a major one within the school and applicants should be communicant members of the Church of England.
Application forms from and returnable to the Head Teacher Designate.
London Allowance payable. 75 per cent removal expenses and some assistance with accommodation in appropriate cases.

NEWHAM
(London Borough of)
STRATFORD SCHOOL
Upton Lane, London, E7 9PR
(Roll: 1,137)
Headteacher, Mr. A. O. Chambers, B.Sc.
Required September, 1977, if possible, or January, 1978
HEAD of RELIGIOUS and SOCIAL EDUCATION Department. Scale 4. Integrated course in Religious Education and Social Studies to the fifth year with opportunities for C.S.E., "O" level and C.S.E. work in Religious Education, Sociology and Social Studies, some by Mode 3 C.S.E. "A" level course in Sociology.
Burnham Scales, plus London Allowance £402.
Application forms may be obtained from the undersigned to whom they should be returned by 8th July, 1977.
J. S. White, M.A., Ph.D., Director of Education, Education Offices, Broadway, Stratford, London E15 4BH.

STAFFORDSHIRE
EDUCATION COMMITTEE
SHERBROOK SCHOOL
Hednesford Road, Cannock
(Roll 1,100)
HEAD of RELIGIOUS EDUCATION DEPARTMENT (Scale 3) required. Applications are invited from well-qualified, experienced candidates for this key post in a large Comprehensive School which will admit its third all-ability intake in September 1977. The person appointed will be expected to direct the teaching of Religious Education throughout the school and to be responsible for the subject to G.C.E. "A" level. An interest in the planning of morning assemblies and community service work would be a recommendation.
Further details and application forms are obtainable from (and returnable) to the Headmaster (stamped addressed envelope).

Other Posts on Scale 2 and above

LIVERPOOL
Applications are invited for the following posts required for September, 1977. Application forms obtainable from (stamped addressed envelope) and returnable to the Head Teacher at the school.
ASSISTANT FOR RELIGIOUS EDUCATION, SCALE 2
ST. MICHAEL'S R.C. SECONDARY MIXED S.P. SCHOOL
Mill Road, Liverpool L6 2AP
Quote reference P+M 326(b)
ASSISTANT FOR RELIGIOUS EDUCATION, SCALE 1
ENGLISH MARTYRS R.C. SECONDARY BOYS' S.P. SCHOOL
Fountains Road, Liverpool L4 1ST
Quote reference P+M 325(b)

Scale 1 Posts

BARNET
(London Borough)
FINCHLEY CATHOLIC HIGH SCHOOL FOR BOYS
Woodside Avenue, Finchley, N12
01-445 2954
(Voluntary Aided)
(Roll 1,104)
Required September, 1977, SPECIALIST to share work of RELIGIOUS EDUCATION department. Please state any other subjects offered. Ability to help with games desirable. Roman Catholic preferred. Scale 1.
Schemes for payment of removal expenses and separation allowances in approved cases.
Further details and application form from Headmaster (stamped addressed envelope).
Director of Educational Services.

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
THE CEDARS UPPER SCHOOL AND COMMUNITY COLLEGE
Mentmore Road, Leighton Buzzard, Beds, LU7 7PA
Headmaster: Mr. P. W. B. Stowe, B.A.
(Number on Roll 772 boys and girls: 228 in Sixth Form)
Required for September 1977, Specialist TEACHER of RELIGIOUS STUDIES to join a strong and forward-looking department. Scale 1. Work to "O" and "A" levels available. Courses in World Religions and personal and social issues are followed. There is also a good opportunity to develop new courses as the school grows.
In the first instance it will be necessary for some time to be spent in teaching some other subject(s). Please state other subject(s) offered. Applications for a part-time post would be considered.
The Cedars is a purpose-built Upper School (13 to 18) with adjacent community facilities. Formerly a Grammar School, it will be taking its second comprehensive intake in September 1977. Eventual size 1,100.
Application forms and further details available from the Headmaster (stamped addressed envelope, foolscap).

BERKSHIRE
WAINGELS COPSE SCHOOL
Denmark Avenue, Woodley
Required for September to teach RELIGIOUS EDUCATION throughout the range of the curriculum at this mixed comprehensive school, roll 1,550.
Please apply with details to the Headmaster immediately, naming two referees (SAE) and quoting WSA 57A.

BRENT
(London Borough of)
CARDINAL HINSLEY CATHOLIC BOYS' HIGH SCHOOL
Harlesden Road NW10 3RN
(Roll 850, 11 to 16, 6 form entry in September)
Required September:— Catholic TEACHER for RELIGIOUS EDUCATION, Scale 1, courses to C.S.E. and "O" level with mixed ability classes in first year. Please state second subject.
London Allowance of £402 per annum is payable and there is a scheme for assistance with removal expenses including legal fees, etc., travelling and lodging allowances.
Candidates should apply by letter to the Head of the School within 7 days giving age, present post, qualifications, experience and referees.

BUCKINGHAMSHIRE
AYLESBURY VALE DIVISION
GRANGE COUNTY SECONDARY SCHOOL
Wendover Way, Aylesbury
Head Teacher, B. B. Dorrance, B.Sc.
(1,170 boys and girls)
Required September, TEACHER for RELIGIOUS EDUCATION with an interest in the Social Services to work within a Humanities Department.
Removal expenses up to £160 payable in approved cases; also a housing allowance for married teachers unable to find immediate accommodation.
Application by letter to Head Teacher with full details of qualifications and names of two referees.

CHESHIRE
EDUCATION COMMITTEE
SAINTS FISHER AND MORE R.C. HIGH SCHOOL
Milton Avenue, Widnes
RELIGIOUS EDUCATION. Eleven to 16 comprehensive—1,100 on roll. Social Priority Allowance.
Application forms obtainable from and returnable to the Head of the school.

DERBYSHIRE
ST. RALPH SHERWIN R.C. SCHOOL
Duffield Road, Derby DE3 1JQ
Telephone: Derby 57032
(11 to 18 comprehensive 950 boys and girls)
Required for 1st September 1977, temporary TEACHER of RELIGIOUS EDUCATION, Scale 1, for one term in the first instance. Practising Catholic essential.
Applications would also be welcome from experienced candidates for Head of Religious Education, Scale 3, either for September, 1977, or January, 1978.
Applications giving full information regarding age, qualifications, experience (if any), and the names and addresses of two referees should be sent immediately by letter to the Headmaster at the school, from whom further details may be obtained.

DEVON
NEWTON ABBOT KNOWLES HILL SCHOOL
Exeter Road
TEACHER, Scale 1, required September, to teach RELIGIOUS EDUCATION to "A" level. Assistance with Maths an advantage. Please state other subjects offered.
Application forms from Headmaster (stamped addressed envelope, foolscap), returnable by July 8, 1977.

DEVON
SOUTHWAY SCHOOL
Rockfield Avenue, Southway, Plymouth
(Comprehensive, co-educational 1,700 on roll)
Required from September, an enthusiastic TEACHER for MUSIC and RELIGIOUS EDUCATION, Scale 1. To have qualifications in both subjects mainly in first three years of the school.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

ESSEX
FRYERNS SCHOOL
(Roll 1,500)
Craylands, Basildon, SS14 3RN
Telephone: Basildon 20111
RELIGIOUS EDUCATION
Required September: Enthusiastic TEACHER to join RELIGIOUS EDUCATION DEPARTMENT. Wide scope for developing own ideas. Examination options. Newly qualified applicants welcome. London fringe allowance of £150 per annum payable.
Please apply to the school by letter, enclosing two stamped addressed envelopes (for acknowledgment of receipt and notification of result of application).

HEREFORD AND WORCESTER
COUNTY COUNCIL
EDUCATION DEPARTMENT
BEWDLEY HIGH SCHOOL
Stourport Road, Wribbenhall, Bewdley, Worcestershire DY12 1BL
Required for September, a TEACHER of RELIGIOUS STUDIES, Scale 1. This post would be suitable for a teacher seeking a first appointment.
Letters of application containing full curriculum vitae and the names and addresses of two referees should be sent to the Headmaster as soon as possible.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
CANTERBURY DIVISION
CHARTHAM SECONDARY SCHOOL
(Mixed—Roll 390)
Applications are invited for a SCALE 1 post for RELIGIOUS EDUCATION throughout the school up to C.S.E. level.
Applications with names and addresses of two referees to be sent to the Head Teacher, Chartham Secondary School, Shalmsford Street, Chartham, Canterbury, Kent.
MAIDSTONE DIVISION
SOUTH BOROUGH GIRLS SCHOOL
Loose Road, Maidstone
(Roll 800)
Required September, 1977, well-qualified TEACHER (Scale 1) for RELIGIOUS EDUCATION throughout the school. The subject is taught to C.S.E. level at present. A lively, enthusiastic person is required who sees the R.E. Department as an integral part of the whole school life.
Application forms and further particulars from the Headmistress (stamped addressed envelope).
ASHFORD DIVISION
ASHFORD THE NORTON KNATCHBULL (BOYS)
(Roll 817)
Required September, 1977: TEACHER in CHARGE of RELIGIOUS STUDIES. Good promotion prospects. Subsidiary subject required, Latin or French to "O" level preferred.
Applications by letter to the Headmaster (Hythe Road, Ashford).

LONDON, S.W.6
ST. MARK'S C.E. COMPREHENSIVE SCHOOL
Bishops Avenue, London S.W.6
Headmaster: Dr. T. Harper Smith
TEMPORARY TEACHER (one term) required for RELIGIOUS EDUCATION. Must be a practising communicant member of the Church of England.
Applications (no forms) to the Headmaster at the school.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
ARNOLD HILL COMPREHENSIVE SCHOOL
Gedling Road, Arnold, Nottingham, NG5 6NZ
(Headmaster, S. M. Spelman, M.A., B.Sc.)
Mixed: 1,680 (11-18)
For September, GRADUATE TEACHER (Scale 1) of RELIGIOUS EDUCATION with GEOGRAPHY. The successful candidate will be expected to join team of other specialists in the teaching of Integrated Studies in Lower School Unit (years one and two, mixed ability, large resource centre). Geography in Main School to C.S.E. level.
Applications (no forms) to the Headmaster, with names of two referees, as soon as possible.

STAFFORDSHIRE
EDUCATION COMMITTEE
NETHER STOWE COMPREHENSIVE SCHOOL
St. Chad's Road, Lichfield
Roll, 1,130
Required for September, ASSISTANT TEACHER to work largely with mixed ability Junior forms in the RELIGIOUS EDUCATION Department of this mixed, comprehensive school. Scale 1.
Further information and application forms obtainable from the Headmaster (stamped addressed envelope) to whom completed forms should be returned within 10 days of the appearance of this advertisement.

Rural Studies

Scale 1 Posts

EAST SUSSEX
COUNTY COUNCIL
THE GROVE SECONDARY SCHOOL
Headmaster, Mr. N. H. Wilcock, B.Sc.
Required for September, 1977, TEACHER for RURAL STUDIES, Scale 1 post.
Application forms (to be returned without delay) and further details of the post from the Headmaster at the school, Wishing Tree Road, St. Leonards-on-Sea.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
GRAVESHAM DIVISION
MEOPHAM SECONDARY SCHOOL
Meopham, Gravesend
Required for September: TEACHER of RURAL SCIENCE to teach combined Science in the first three years and to take responsibility for the development of Rural Science courses in the fourth and fifth years. Possibility of Scale 2 for suitably experienced candidate.
This eight-form entry mixed High School opened in pleasant rural surroundings in 1970. Comprehensive intake into Lower School.
Letters of application, naming two referees, and curriculum vitae should be sent to the Headmaster at the school (Telephone Meopham 814640).

Science

Heads of Department

BEDFORDSHIRE
EDUCATION SERVICE
NORTHERN AREA
PILGRIM UPPER SCHOOL
Brickhill Drive, Bedford
Required for September, 1977, or January, 1978, HEAD of GENERAL SCIENCE (Scale 3). A person with broad qualifications and scientific interests who will develop syllabuses in General or Integrated Science at C.S.E. and non-examination level is needed. There are excellent facilities.
Pilgrim School is situated in North Bedford and is an Upper School (roll 1,336, VIth Form 243) developing from a large and successful Grammar School.
Application form and further details available from the Headmaster at the school. Stamped addressed envelope please. Completed forms to be returned as soon as possible.

COVENTRY (City of)
COUNDON COURT MIXED COMPREHENSIVE SCHOOL
(1,850 on roll)
Required Autumn Term, 1977, or January, 1978:
HEAD of BIOLOGY, Scale 3. Enterprising and well equipped department. Courses to "A" level including Rural Studies.
Closing date 10 days after appearance of advertisement. Canvassing disqualifies.
Apply by letter giving full details (age, qualifications, experience) and names and addresses of two educational referees to the Headmaster at the school, Northbrook Road, Coventry CV6 2AH.

ESSEX
WESTBOROUGH HIGH SCHOOL FOR GIRLS
(Roll 650)
Boston Avenue, Southend-on-Sea
Tel.: Southend 43235
HEAD OF SCIENCE
Scale 3. For September 1977. Applications are invited from suitably qualified candidates to be responsible for the science teaching throughout this Girls' Secondary Modern School. Nuffield Science is taught in the first three years and Biology and Chemistry offered as C.S.E. and "O" level options thereafter.
Application by letter to the Headmistress, including names and addresses of two referees. If a suitable appointment is not made the post will be re-advertised in the Autumn Term.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
SWALE DIVISION
ROWENA HIGH SCHOOL FOR GIRLS
Swanstree Avenue, Sittingbourne
Roll 780
HEAD of SCIENCE DEPARTMENT required for January 1978. Integrated Science taught to Lower School with specialisation in Biology and Chemistry as well as in Senior School, incorporating C.S.E. and G.C.E. "O" level work. A resourceful and adaptable member of staff is needed to lead this developing department. Scale 3/4 according to experience.
Letters of application giving two referees and stamped addressed envelope to the Headmistress.

KINGSTON upon Thames
(Royal Borough of)
RIVERMEAD BOYS' SCHOOL
Richmond Road, Kingston upon Thames, Surrey KT2 5PN
(800 boys)
HEAD of PHYSICS Department, Scale 3. Graduate required for key post in large Science Department in all-ability Boys' School. Well established courses to "O" and "A" level.
London allowance £297.
Assistance may be provided with removal expenses.
Application form and further information obtainable from the Headmaster at the school, to be returned to him as soon as possible (Telephone: 01-546 [illegible]).

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The borough is within easy access of Central London and bordered by Epping Forest. London addition to salary payable.
Required for September, 1977, or January, 1978:—
CONNAUGHT HIGH SCHOOL
Connaught Road, London E11 4AB
Head Teacher: Mrs. P. H. Browne
HEAD of SCIENCE—Scale 3 plus E.P.A. allowance required for an enthusiastic Department with high standards in this Girls' Comprehensive High School (830 on roll, 11 to 14 years). Three well equipped laboratories in recently built Annexe. Nuffield Combined Science taught mainly in a "settled" situation. Appointment also involves responsibility in charge of Annexe.
Closing date 6th July, 1977.
Application forms obtainable from the Head Teacher on receipt of a stamped addressed envelope.

Other Posts on Scale 2 and above

BARNET
(London Borough)
QUEEN ELIZABETH'S BOYS SCHOOL
Queens Road, Barnet, Herts.
01-440 4269
Roll 1,100. Sixth Form 290
(London Allowance £297 payable)
Required January, 1978, well-qualified TEACHER as HEAD of PHYSICS to be responsible for all Physics courses from third year upwards, and to share in running of Mode 3 Science, in other Science courses and in Combined Science. Physics is much in demand at all levels including "A" level. Scale 3.
Schemes for payment of removal expenses and separation allowances in approved cases.
Apply to Headmaster with names of two referees (stamped addressed envelope).
Director of Educational Services.

Walsall Metropolitan Borough

Education Committee

Required for September, 1977, teachers for the following posts:—

Aldridge School
Tynings Lane, Aldridge, Walsall, WS9 0BG
Scale 2 appointment.
Remedial teacher required September, 1977/January, 1978. Experienced Remedial teacher to take responsibility within the Special Learning Unit for a group of 10-12 pupils in Year 3. The pupils in general spend 75% of their time in the Unit.
Aldridge School is a 10-form entry Comprehensive School. It has a large sixth form and specific remedial facilities are provided in Years 1-3.

Alumwell Comprehensive School
Primley Avenue, Walsall, WS2 9UA
A Graduate to teach Mathematics. Preference will be given to a candidate who can offer Physics and/or practical Mathematics.
This is a 12-Form entry, purpose-built 11-18 mixed comprehensive school with excellent facilities and a well established Faculty offering 'O' and 'A' level courses. A social priority allowance is payable.

Barr Beacon Comprehensive School
Old Hall Lane, Aldridge, Walsall
(1) History (Scale 1). Well qualified teacher required to share responsibility for teaching C.S.E., 'O' and 'A' level courses and to contribute to lower school courses. Particular fields of interest and expertise to be stated.
(2) Art (Scale 1). To teach throughout the school. Opportunity to share in examination courses and to contribute to the development of a lively and imaginative department.

Blue Coat C.E. Comprehensive School
Birmingham Street, Walsall, WS1 2ND
(Voluntary Aided)
Applications are invited for the following posts:—
(1) Assistant Teacher scale 1 in the English Department. The Governors are seeking a well-qualified graduate able to share in the examination work in English.
(2) Assistant Teacher, Scale 1, to teach Art in a large and progressive Design Department. The Governors are seeking a well-qualified candidate able to specialise in Graphic Art but willing to share in the many activities of the Department. Examination work to 'O' and 'A' level would be available to a suitably qualified applicant.
(3) Assistant Teacher, Scale 1, in the History department. The Governors are seeking a graduate able to share in the teaching of History at all levels with the opportunity of sharing in examination work at 'O' and 'A' level in a very successful department.
(4) Assistant Teacher, Scale 1, in the Social Studies Faculty. The Governors are seeking a well-qualified graduate able to share in the teaching of History at all levels and also to contribute to VI form development in the field of Economics and General Studies.
(5) Assistant Teacher of Girls' Physical Education. The School has well equipped Gymnasium and a new Sports Hall and there is a very active Physical Education and Games programme. Ability to share in the general development of outdoor activities would be very welcome.
Preference will be given to communicant members of the Church of England.

Frank F. Harrison Comprehensive School
Leamore Lane, Leamore, Walsall
Teacher (Scale 1) to work with the school's remedial service. The subjects offered are not as important as a concern for the pupils with learning difficulties. The post is particularly suitable as a first appointment and a considerable amount of in-service training is available.

Pelsall Comprehensive School
Pelsall Lane, Rushall, Walsall
(1) Graduate teacher of Sociology and Geography, Scale 1, in this medium-sized Comprehensive School.
Applications are invited from experienced teachers or those seeking their first appointment. The successful candidate will be expected to accept some responsibility in the field of social education and must be competent to teach to external examination level.
(2) Teacher of Metal Work and Technical Drawing required in this medium-sized comprehensive school. Applications are invited from experienced teachers or from those seeking their first appointment, but it is hoped to appoint someone capable of teaching a proportion of examination work in Metal Work, if not both these subjects.

Manor Farm Comprehensive School
King George Crescent, Rushall, Walsall
Scale 1+Soc. P.A. A Graduate teacher of French with the advantage of either Spanish or German.

Queen Mary's Grammar School
Sutton Road, Walsall
(1) Required for a temporary period of one year a Graduate Teacher of English, Scale 1, to teach in a strong department.
Some History teaching could be made available for a suitable candidate, and candidates with qualifications in History will therefore be considered.
(2) Master or Mistress to assist in the teaching of Geography, Scale 1, throughout the school in a strong department with a share of Sixth Form work to Advanced Level. An interest in Geology would be a recommendation. The department has excellent facilities in new buildings and the school has its own Field Studies centre on the Barmouth Estuary.

T. P. Riley Comprehensive School
Lichfield Road, Bloxwich, Walsall
(1) Teacher of English (Scale 1) to join a large and lively department. Ability to teach to 'O' and 'A' levels would be an advantage.
(2) Required for January, 1978.
Second in English Department (Scale 3) to teach to all levels (including "advanced"). The successful candidate will be expected to exert significant influence over whatever aspects of the department's work are suggested by his or her own interests. The present holder is leaving to run his own department and applications are invited from those anxious to prepare themselves for similar promotion.
(3) Teacher of Handicraft required. Interest in a flourishing motor-vehicle course would be an advantage. Scale 1.
Re-advertisement.
(4) Teacher of English (Scale 1)—to teach to all levels. Graduate preferred.

Shelfield School
Broadway, High Heath, Pelsall, Walsall
(1) Teacher for the Home Studies Department (Scale 1) incorporating Home Economics, Fabric Craft and Child Development.
(2) Teacher of History (Scale 1).
(3) Teacher of Technical Studies to work mainly in Heavy Craft areas. Scale 2 available for suitably experienced candidate.

Streetly School
Queslett Road East, Streetly, West Midlands
Teacher of Chemistry and/or Biology (Scale 1) at this fully developed mixed comprehensive high school for pupils aged 13 to 18 years. 140 in sixth form. Modern buildings with good science facilities.

Willenhall Comprehensive School
Furzebank Way, Willenhall, WV12 4BD
Head of Home Economics Department (Scale 3) required for Sept., 1977, or Jan., 1978.
There is a fully equipped Home Economics Suite, including laboratory. The subject is taught at all levels and the department is responsible for the Child Care Course at C.S.E.

Jane Lane School E.S.N.(M)
Churchill Road, Bentley, Walsall
Roll 180 boys and girls. Group 7B Day School
Suitably qualified and experienced Deputy Head Teacher to be responsible for Upper School (age 13-16 years) and with special responsibility for curriculum development throughout the school.
Application for the above mentioned posts should be made by letter to the Head Teacher of the school concerned giving the names and addresses of two referees.

Peripatetic Teacher/Instructor for Woodwind. The successful will be expected to assist with the Youth Orchestra and/or Woodwind Band and to help with Music Centre activities.

Application should be made to the Director of Education, Education Department, Civic Centre, Darwall Street, Walsall, WS1 1DQ, giving the names and addresses of two referees.

SECONDARY
Science
continued

BUCKINGHAMSHIRE
WYCOMBE DIVISION
GREAT MARLOW SCHOOL
Bobmore Lane, Marlow SL7 1JE
Acting Head: Miss M. P. Jones
(500 on roll)
Required for September, TEACHER of SCIENCE. The person appointed will be expected initially to offer Physics up to C.S.E. and G.C.E. "O" level and some Junior Nuffield Combined Science, but the long-term priority is for a teacher who can offer Science rather than just Physics. Scale 2 post available for suitable applicant, but first appointments will also be considered.
Removal expenses up to £150 and housing allowance pending removal are payable in approved cases.
Apply by letter giving names and addresses of two referees. No acknowledgement can be made unless a stamped addressed envelope is enclosed.

CROYDON
(London Borough of)
INGRAM BOYS' HIGH SCHOOL
Springfield Road, Thornton Heath
Surrey CR4 8QZ
Tel.: 01-653 0901
Tenable, September 1, 1977.
SCIENCE TEACHER required as SECOND in CHARGE of DEPARTMENT with Biology as main teaching strength. A strong candidate is looked for who will be able to make a major contribution to the development of this Department.
Salary—Burnham Scale 2 with London Area Allowance available for a suitable candidate.
Reasonable removal expenses will be reimbursed (details on request).
Please send stamped addressed envelope for application form from and returnable to the Head Teacher at the above address as soon as possible.

HAVERING
(London Borough of)
EDUCATION DEPARTMENT
Required September, 1977:—
BEDFORDS PARK SCHOOL
(Roll 1,150, Coeducational)
Appleby Drive, Harold Hill, Romford RM3 7DJ
11 to 18 Comprehensive, situated on two sites linked by footbridge.
TEACHER required for PHYSICS up to "A" level. Candidate must be willing to take part in extra curricular science activities and contribute to Lower School Combined Science. Post suitable for newly qualified teacher. Social Priority allowance payable.
There is a scheme for removal expenses.
Letters of application to Head Teacher giving full curriculum vitae and quoting two referees.

LONDON
URSULINE CONVENT HIGH SCHOOL
(Roll 460 (direct grant))
Required September:
CHEMISTRY GRADUATE, full or part-time, to teach subject to "O" and "A" level (part-time or full-time, with suitable second subject).
Salary according to qualifications and experience (London Allowance).
Apply with curriculum vitae and names and addresses of two referees to Headmistress.

NOTTINGHAMSHIRE
(COUNTY COUNCIL)
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
TUXFORD COMPREHENSIVE SCHOOL
Lincoln Road, Tuxford
Newark, Nottinghamshire
NG22 0JG
Headmaster:
R. W. Woodward, B.Sc.
(Mixed, 770: 11 to 18; rising to 900 plus)
For September, or January, TEACHER (Scale 2) of CHEMISTRY.
Ability to introduce examination courses eventually to "A" level is this developing comprehensive school. Applicants should state other teaching subjects / interests. Mature qualifying teachers with industrial other experience also invited to apply.
Applications (no forms) to the Headmaster, with names of two referees. Closing date, July 1st, 1977.

STAFFORDSHIRE
EDUCATION COMMITTEE
CHESLYN HAY HIGH SCHOOL
Saredon Road, Cheslyn Hay, Walsall
Applications are invited from suitably qualified and experienced TEACHERS for the post of TEACHER of ENVIRONMENTAL SCIENCE (Scale 2/3) for this new purpose built 13-18 Comprehensive School opening in September, 1977, when the school will receive its first 13-plus intake.
Application forms obtainable from and returnable to the Head Teacher, care of Chase Teachers Centre, 115 Walsall Road, Cannock.

Scale 1 Posts

AVON COUNTY
BEDMINSTER DOWN SECONDARY SCHOOL
Donald Road, Bristol BS13 7DQ
(Established Comprehensive, Co-educational, 1,100 pupils)
Required for September:
Part-time (5 10ths) member of the SCIENCE DEPARTMENT to teach mainly COMBINED SCIENCE in the Lower School.
Please apply immediately to the Headmaster, enclosing tabulated curriculum vitae and the names and addresses of two referees.

AVON COUNTY
BOOWAY SCHOOL
Mangotsfield, Bristol
(Co-educational: 940 on roll: 160 in Sixth Form)
Required September, TEACHER for GENERAL NUFFIELD SCIENCE and BIOLOGY.
Apply Headmaster immediately, no forms, full curriculum vitae, two referees.

AVON COUNTY
SPEEDWELL SCHOOL
Speedwell Road, Kingswood, Bristol
(Comprehensive, 1,500)
Required for September, 1977, a TEACHER of SCIENCE (Scale 1) able to teach Nuffield Combined Science Course.

DAGENHAM [illegible]
(London Borough of)
WARREN COMPREHENSIVE SCHOOL
(Roll 1,100)
Whalebone Lane North, Chadwell Heath, Romford
Required for September, 1977, CHEMISTRY. Specialist to teach throughout the school to "A" level and to assist with General Science in the Lower School. Scale 1.
London Addition £282 per annum. Reimbursement of removal expenses in approved cases.
Application form available (stamped addressed envelope) from the Head Teacher to be returned as soon as possible.

BARNET
(London Borough of)
FINCHLEY CATHOLIC HIGH SCHOOL FOR BOYS
Woodside Avenue, Finchley, N12
01-445 2801
Voluntary Aided
Roll: 1,101
Required September, 1977, BIOLOGIST or BIOLOGIST/MATHEMATICIAN. Ability to help with games desirable, but not essential. Scale 1.
Schemes for payment of removal expenses and equitation allowance in approved cases.
Further details and application form from Headmaster (stamped addressed envelope).
Director of Educational Services.

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
MANSFIELD HIGH SCHOOL
Riddy Lane, Luton
Headmaster: Mr. A. B. Houps
Required for September, 1977, TEACHER of CHEMISTRY to "O" level with some PHYSICS or COMBINED SCIENCE in the Lower School. Scale 1.
This 11 to 16 comprehensive school of 1,500 pupils is situated on the Northern edge of the town in pleasant surroundings.
The Science Department is a large one and incorporates 8 laboratories and preparation facilities.
Application forms obtainable from and returnable to the Headmaster (stamped addressed envelope please). Closing date: July 6, 1977.
Some assistance with accommodation may be possible.

BEDFORDSHIRE
EDUCATION SERVICE
SOUTHERN AREA
LUTON SIXTH FORM COLLEGE
Bradgers Hill Road
Luton, LU2 7EW
Principal: Dr. J. Macintosh
[illegible]
Required for September, 1977, a SPECIALIST to teach BIOLOGY to "A", "O" and C.S.E. levels. Scale 1. Ability to teach Social Biology is desirable.
All staff are expected to take part in the college's programme of complementary studies.
Some assistance with accommodation may be possible.
MANSHEAD SCHOOL
Dunstable Road, Caddington
Luton, LU1 4BB
Headmaster: Mr. L. P. Banfield
J.P., M.A.
(Roll 1,020: mixed)
Required for September, 1977, TEACHER of INTEGRATED SCIENCE for the 11 to 16 age range together with some "A" level PHYSICS (Nuffield). All pupils follow an integrated course until 16, mainly S.C.I.S.P. or Nuffield Secondary Science.
Manshead is a 13 to 18 mixed Comprehensive Upper School in purpose-designed buildings on the southern side of Dunstable.
Application forms obtainable from and returnable to the Principal of the Sixth Form College and the Headmaster of Manshead School.

BERKSHIRE
THE EMMBROOK SCHOOL
Emmbrook Road, Wokingham
Required for September, a TEACHER of PHYSICS at this six-seven-form entry comprehensive school, roll 1,000, with excellent facilities. Physics is followed to C.S.E., "O" level and "A" level and the successful candidate will teach the subject at all levels and some GENERAL SCIENCE in Years 1 and 2.
Forms and further details from the Headmaster (SAE). Please quote WSA007. Closing date 4th July, 1977.

BEXLEY
(London Borough)
CHISLEHURST & SIDCUP GRAMMAR SCHOOL
Group 11; roll 1,000
Graduate TEACHER of PHYSICS required for September, 1977, or January, 1978. Opportunity to work at all levels in an academically strong department. Scale post for suitably qualified candidate. L.A.A. £297. Assistance with removal expenses, legal fees and disturbance allowance can be considered.
Application forms available from and returnable to: Chief Education Officer for Schools (17), Town Hall, Crayford, Kent. A stamped addressed envelope (foolscap) should be sent with the request for an application form. If acknowledgement is required, a further stamped addressed envelope should be enclosed. No further communication will be made unless applicants are called for interview.
ERITH SCHOOL
Avenue Road, Erith
Tel. No.: Erith 32924
(Roll 1,604 Mixed)
TEACHER required to join Physics Department from September, 1977. Nuffield Physics taught throughout the school up to C.S.E., "A" level.
L.A.A. £297. Assistance with removal expenses, legal fees and disturbance allowance can be considered.
Application forms available from and returnable to: Chief Education Officer for Schools (17), Town Hall, Crayford, Kent. An addressed envelope should be sent with the request for an application form. If acknowledgement is required a further stamped addressed envelope should be enclosed. No further communication will be made unless applicants are called for interview.
RIVERSIDE SCHOOL
Group 9; roll, mixed
Required for September, 1977, TEACHER of CHEMISTRY. SCIENCE Work to "O" level. Mixed ability teaching.
L.A.A. £297. Assistance with removal expenses, legal fees and disturbance allowance can be considered.
Application forms available from and returnable to Chief Education Officer for Schools (17), Town Hall, Crayford, Kent. A stamped addressed envelope (foolscap) should be sent with the request for an application form. If acknowledgement is required, a further stamped addressed envelope should be enclosed. No further communication will be made unless applicants are called for interview.

BROMLEY
(London Borough of)
BEAVERWOOD SCHOOL FOR GIRLS
Beaverwood Road, Chislehurst
Kent BR7 6HE
900 girls, 11 to 18 years
150 in Sixth Form
Required for September, 1977, GRADUATE to teach BIOLOGY throughout the school to "O" and "A" levels. Interest in field work an advantage. The school teaches Nuffield Combined Science in the first two years.
Subject to certain conditions, removal and storage expenses, disturbance allowances and grants towards legal charges are payable to teaching staff appointed from outside the London area.
Applications to the Headmistress at the school, giving full details of names and addresses of two referees.

BROMLEY
(London Borough of)
THE WALSINGHAM SCHOOL
Chipperfield Road, Orpington
Co-educational Comprehensive 11-18: seven-form entry
Tel.: 01-300 1286
Required for September, 1977, TEACHER of PHYSICS and GENERAL SCIENCE. The Science Department at present has [illegible] equipped laboratories and has further plans to increase the number to eight. Physics is taught at all levels up to Advanced level. Nuffield Combined Science is taught in Years 1 and 2.
The school was reorganised and admitted its first all-ability intake in September, 1974. [illegible] buildings dating from [illegible] and is situated on a [illegible] live 24-acre site [illegible] conditions, removal and [illegible] expenses, disturbance [illegible] and grants towards legal [illegible] are payable to teaching staff appointed from outside the [illegible] area.
Applications should be made by letter to Mr. R. E. [illegible], the school giving details of qualifications and experience, with the names and addresses of two referees. Further details will then be sent.

BUCKINGHAMSHIRE
MILTON KEYNES DIVISION
LORD GREY SCHOOL
Bletchley
(Group 11 Comprehensive [illegible] approximately 1,000 on roll [illegible] form of 130)
TEACHER of SCIENCE required for September [illegible] successful candidate [illegible] Combined Science [illegible] abilities in years 1 to [illegible] will be asked to become [illegible] two in a team [illegible] of the following areas:
(a) The introduction of a [illegible] Council Unstreamed Science [illegible]
(b) The development of [illegible] less able pupils.
(c) The revision and [illegible] an established Combined [illegible] course in years 2 and 3.
(d) The establishment and maintenance of an Objective [illegible] Bank using the computer [illegible] available [illegible] to provide [illegible] for both internal and [illegible] examinations.
(e) The development of a [illegible] bank of materials, [illegible] audio-visual aids.
Candidates will be [illegible] interview to express [illegible] for the area of activity [illegible] they feel best able to [illegible] personal contribution.
Bletchley is situated in the [illegible] area of the new city [illegible] Keynes, and the Development [illegible] operation is making a number of homes for rent available to [illegible] appointed to schools [illegible] designated area. Subject to County Council's [illegible] removal expenses [illegible] and board and lodging allowances will be payable.
Applications by letter, [illegible] personal details, curriculum vitae and the names and addresses of two referees to the Head, Mr. [illegible] Lord Grey School, [illegible]
Further details and [illegible] forms available from [illegible] at the school on receipt of [illegible] addressed envelope, to [illegible] should be returned [illegible] as possible.

CAMBRIDGESHIRE
HUNTINGDON AREA
HINCHINGBROOKE SCHOOL
Hartford Road, Huntingdon
The school was opened in 1970 and will eventually be a [illegible] entry Community Comprehensive School. It is housed [illegible] new buildings and is [illegible] equipped.
Required for September: [illegible] Scale 1. Chemistry [illegible] throughout the school [illegible] "A" level work for [illegible] applicant. Will some [illegible] ence in the Lower School.
Further details and [illegible] forms available from the [illegible] at the school on receipt of [illegible] addressed envelope, to [illegible] should be returned [illegible] soon as possible.

CHESHIRE
EDUCATION COMMITTEE
[illegible] COUNTY HIGH [illegible]
[illegible] Lane, Poynton, [illegible]
GRADUATE BIOLOGIST [illegible] for September in this [illegible] [illegible]

CORNWALL
EDUCATION COMMITTEE
There is a scheme for [illegible]
HELSTON SCHOOL
[illegible] Hill, Helston [illegible]
[illegible] 13 to 18 form entry comprehensive
Headmaster: A. S. Worrall
[illegible]
COMBINED SCIENCE, Scale 1
[illegible] for September [illegible]
[illegible]

CROYDON
(London Borough of)
[illegible] HIGH SCHOOL
[illegible] Coulsdon, Surrey
Telephone: 01-668 6464
Required September 1, 1977.
A SCIENCE TEACHER is [illegible] for this co-educational [illegible] comprehensive school [illegible]
[illegible]
Salary: Burnham Scale 1 [illegible] London Area Allowance [illegible]
[illegible]

CUMBRIA
EDUCATION COMMITTEE
WYNDHAM SCHOOL
Egremont
(Comprehensive 11-18 mixed)
Roll [illegible]
Required for September, a GRADUATE BIOLOGIST (Scale 1) [illegible] specialist teaching at all levels [illegible] Combined Science to pupils of [illegible] 11-13 age range [illegible]
Applications [illegible] by 4th July [illegible]

DERBYSHIRE
COUNTY COUNCIL
NEW RE-ORGANISED [illegible]
JOHN FLAMSTEED [illegible]
Smithy Lane [illegible]
Denby, Derbyshire DE5 [illegible]
Required for September [illegible]
The successful applicant [illegible] be expected to teach [illegible] Science in the Lower [illegible] will possibly [illegible] specialisation in [illegible] School. An interest in [illegible] third course [illegible] awareness in [illegible] development. Applications [illegible] particularly welcome [illegible]
SCIENCE TEACHER [illegible]
Further details and [illegible] tion forms can be [illegible] from the Headmaster [illegible]
[illegible]

SECONDARY
Science
continued

DERBYSHIRE
EDUCATION COMMITTEE
ILKESTON SCHOOL
King George Avenue, Ilkeston, Derbyshire
400 Boys and Girls
Required for September, 1977, or as soon after as possible, GRADUATE SCIENTIST to teach both PHYSICS and BIOLOGY.
Apply to Headmaster giving names of two referees.

DEVON
COOMBE DEAN SCHOOL
Churchill Way, Elburton, Plymouth
Required for September: a qualified TEACHER of SCIENCE. Ability to make a major contribution to the teaching of PHYSICAL SCIENCE would be an advantage. This is a purpose-built Comprehensive School with only 320 pupils on roll comprising first and second years but it is planned to grow to 1,250 with a strong Sixth Form. The five laboratories are housed in a Science teaching block, together with a lecture theatre.

PUBLIC SECONDARY SCHOOL FOR GIRLS
Cattedown Street, Plymouth
(Roll: 813 on roll)
Required for September: a TEACHER of CHEMISTRY to "O" level C.S.E. and GENERAL SCIENCE to C.S.E. level, Scale 1.
For the above two posts, application forms (stamped addressed envelope) from, and returnable to, the Headmasters concerned within 14 days.

DEVON
HOLSWORTHY SCHOOL AND COMMUNITY COLLEGE
(Roll 450)
ASSISTANT TEACHER (Scale 1) required as soon as possible for SCIENCE.
Application forms (stamped addressed envelope foolscap required) from Head Teacher returnable by 8th July, 1977.

DEVON
IVYBRIDGE SCHOOL AND COMMUNITY COLLEGE
Ivybridge, Devon
Required for September, a TEACHER to teach PHYSICS and CHEMISTRY up to "O" level, Scale 1.
Application forms (stamped addressed envelope) from Headmaster returnable to him within 14 days.

DEVON
VINCENT THOMPSON HIGH SCHOOL
Exeter
(Roll 670)
Applications are invited from suitably qualified persons for the post of ASSISTANT TEACHER for MATHEMATICS and SCIENCE in the Lower School. Temporary post from 1st October, 1977. Scale 1.
Application forms (stamped addressed envelope, please) from Headmaster, Vincent Thompson High School, Kingswell Avenue, Exeter, returnable by 8th July, 1977.

DONCASTER
EDUCATION COMMITTEE
CATHERINE MCAULEY R.C. UPPER SCHOOL
Cantley Lane
Doncaster DN3 3QF
Telephone: Doncaster 57306
Required for September, 1977: GRADUATE TEACHER of PHYSICS (Scale 1).
The post is primarily for a physicist but an ability to offer a second science subject to pre "O" level groups would be a distinct advantage. The successful candidate will be expected to share the teaching of Physics (Nuffield course) and also make a contribution to the integrated work in the department. Some Sixth Form work (Nuffield Physics) will be available depending on the qualifications and experience of the person appointed.

DUDLEY
(Metropolitan Borough)
Required for September, 1977:
THE CRESTWOOD SCHOOL
Bromley Lane, Kingswinford, West Midlands DY6 [illegible]
(12 to 18 co-educational comprehensive (former grammar school), 950 on roll)
TEACHER to share in the teaching of PHYSICS to "O" and possibly "A" levels in a large, flourishing department offering "A" level Nuffield and Physics with mathematics courses.

THE DORMSTON SCHOOL
Mill Bank, Sedgley
West Midlands DY3 1SN
(12 to 16 plus co-educational comprehensive, 720 on roll)
TEACHER of PHYSICS. Applicants welcomed from new entrants.
Applications, with names of referees, should be sent to the Headmasters immediately.

ENFIELD
(London Borough of)
EDUCATION COMMITTEE
ENFIELD [illegible] SCHOOL
Enfield, EN3 [illegible]
(Mixed comprehensive, [illegible])
TEACHER for September, 1977, for PHYSICS, with some GENERAL SCIENCE, [illegible] taught from the second year to C.S.E., "O" and "A" level standards. Excellent [illegible]
Application forms (stamped addressed foolscap envelope) obtainable from the Head Teacher to whom they should be returned as soon as possible.
[illegible] GRAMMAR SCHOOL
[illegible] Place, Enfield, Middlesex
[illegible]
There will be a vacancy in the [illegible] entry, 11-18 Voluntary [illegible] comprehensive School for [illegible] September, 1977 for a GRADUATE in PHYSICS (Scale 1).
Advanced level teaching available for a well qualified candidate in a school with a large Sixth Form and a strong tradition of science.
Applications, enclosing a statement of qualifications and experience, and testimonials and the names of referees, should be sent by letter to the Headmaster at the school.
London Allowance payable £297 per annum.
Temporary housing (up to two years) [illegible] per rent removal [illegible] legal and [illegible] allowance [illegible]

ENFIELD
(London Borough of)
EDUCATION COMMITTEE
AMBROSE FLEMING SCHOOL
The Ride, Enfield EN3 7DB
Telephone: 01-804 1353
(Mixed Comprehensive: Roll 1,300)
Required in September 1977, A TEACHER of GENERAL SCIENCE in the main with some CHEMISTRY to at least "O" level. The Department has eight well equipped laboratories.
London Allowance payable £297 per annum.
Temporary housing (up to two years), £10 per rent removal expenses (£400 maximum), relocation fees and lodging allowance, where appropriate.
Application forms (stamped addressed foolscap envelope) obtainable from the Headmaster to whom they should be returned as soon as possible.

ESSEX

ONGAR COMPREHENSIVE
(Roll: 1,000)
(11-18 mixed: well-established house system)
Fyfield Road, Ongar
Tel.: Ongar 3232

PHYSICS
Required for September, 1977. Required to work with an enthusiastic team of staff in a progressive faculty. The Applicant must be able to teach the subject to "A" level and to assist with the lower school sciences.
Apply by letter to the Headmaster of the school, giving names and addresses of two referees.

NICHOLAS COMPREHENSIVE
(Roll, 1,500)
St. Nicholas Lane, Laindon Basildon
Tel.: Basildon 43391

SCIENCE
Required September, 1977, to join large, well-established faculty and to teach Lower School Physical Science and Nuffield Physics to C.S.E. and G.C.E. levels. Good facilities and opportunities for person seeking first appointment. London Fringe Allowance payable.
Application forms and further particulars may be obtained from the Head of the school, to whom completed application forms should be returned.

HAMPSHIRE
SOUTH-EAST AREA
BIDBURY [illegible] SCHOOL
Midhurst Park Way, Leigh Park, Havant
Comprehensive Mixed 11 to 16, 1,350 on Roll.
Required for September, 1977, TEACHER of GENERAL SCIENCE and BIOLOGY, Scale 1.
Stamped addressed envelope to the Head for details. Closing date: 1st July, 1977.

HAMPSHIRE
NEASHAM [illegible] COMPREHENSIVE SCHOOL
Hilton Purlieu, Near Southampton
Telephone: Hythe [illegible]
Number on Roll 875.
Scale 1 SCIENCE (Nuffield Physics) up to "O" level, plus some Mathematics for lower School. Interest in curriculum development.
Application and curriculum vitae with stamped addressed envelope to Head.

HARINGEY
(Borough of)
HORNSEY SCHOOL FOR GIRLS
Inderwick Road, London, N.8
[illegible] pupils, 200 in the Sixth Form
The school moved into new buildings in [illegible]
Required for September —
[illegible] TEACHER of CHEMISTRY. There are [illegible] well-equipped Chemistry laboratories. Nuffield [illegible] to C.S.E., "O" level and "A" level standards well [illegible]
Please apply direct to the Headmistress at the school, quoting two referees.
Removal expenses £400 per rent allowed. London Allowance £[illegible] payable.
Chief Education Officer, Education Offices, [illegible] Road, N17 [illegible]

HARROW
EDUCATION COMMITTEE
[illegible] SIXTH FORM COLLEGE
[illegible] TEACHER for CHEMISTRY, BIOLOGY or CHEMISTRY, PHYSICS
[illegible] Sixth Form and [illegible]

HAVERING
(London Borough of)
[illegible] PARK SCHOOL
[illegible] Hill, Romford
TEACHER to take PHYSICS up to "A" level.
For more details see under Secondary Science Scale 2 and [illegible]

HAVERING
(London Borough of)
EDUCATION DEPARTMENT
Required September, 1977,
[illegible] PARK SCHOOL
(Roll 1,350, Coeducational)
[illegible] Road, Wingletye Lane, Hornchurch RM11 3AD
Six Form Entry 11-18
Comprehensive situated on one site.
TEACHER to share in the work of the CHEMISTRY DEPARTMENT, teaching the subject to "O" and "A" level. The Department also [illegible] Nuffield Combined Science with the younger pupils. A Scale 2 post is available for suitable experienced candidate. Applications are very welcome from newly qualified teachers.
CHASE CROSS SCHOOL
(Roll 1,320, Coeducational)
Hacton Road, Romford, RM3 4YY
11-18 Comprehensive School situated in modern buildings on one site.
Well qualified TEACHER of either CHEMISTRY or BIOLOGY to share in the work of a strong Science Department and teach to all levels, C.S.E., "O" and "A" level courses.
There is a scheme for removal expenses.
Letters of application to Head Teacher giving full curriculum vitae and quoting two referees.

HERTFORDSHIRE
DURRANTS SCHOOL
Manor Way, Croxley Green, Rickmansworth
Roll 950 mixed all ability, 120 in Sixth Form
Required September, TEACHER of BIOLOGY to join a strong Science Department of 10. The person appointed would be expected to share the "A" level teaching with the Head of Department. Ardent interest in field work is essential.
Apply to Headmaster with brief details of qualifications and experience, giving names and addresses of two referees.

HOUNSLOW
(London Borough of)
EDUCATION COMMITTEE
Education Department
The Civic Centre, Lampton Road, Hounslow TW3 4DN
THE HEATHLAND SCHOOL
Wellington Road South, Hounslow TW4 5HU Middlesex
Headmaster: Jeoffrey J. Samuel, M.A.
(Roll 1,325 rising to 1,440)
Required in September 1977 for this eight-form entry mixed Comprehensive School which opened in September 1973 and moved into purpose-built premises in April 1974:
GRADUATE to teach CHEMISTRY with some Mathematics (Scale 1) throughout the school. Nuffield Combined Science is taught in years 1 and 2 and Nuffield Separate Sciences in years 3 to 6 to C.S.E., "O" and "A" levels. The Department is developing new courses for Sixth Formers who do not intend to take "A" levels. The successful candidate will join an enthusiastic team of nine scientists in very modern and well equipped laboratories, serviced by a helpful team of laboratory assistants.
Applications will also be considered from teachers seeking first appointments. The school is organised on a year system with a suite of rooms for every year. All members of staff are expected to participate in the work and activities of the year bases.
London Allowance £297 payable.
Letters of application (no forms) within seven days to the Headmaster giving details of qualifications and the names of two referees.
The Education Committee has power to consider applications from experienced teachers for assistance towards removal, disturbance or separation expenses.

HUMBERSIDE
EDUCATION COMMITTEE
SCUNTHORPE DIVISION
NORTH AXHOLME COMPREHENSIVE SCHOOL
Wharf Road, Crowle, Scunthorpe
Headmaster: D. E. Cornelius
Number on Roll: 475
Required for 31st August, 1977, a TEACHER of GENERAL SCIENCE to C.S.E., with Middle and Lower ability bands. Also to assist with Nuffield Combined Science in Forms 1 and 2. Scale 1 with possibility of Scale 2 for suitably experienced candidate.
Application forms may be obtained from the Headmaster and should be returned by 4th July, 1977.

HUMBERSIDE
EDUCATION COMMITTEE
SCUNTHORPE DIVISION
THOMAS SUMPTER COMPREHENSIVE SCHOOL
Chandos Road, Scunthorpe
Headmaster: H. A. Callender
(Number on Roll: 1,320)
Applications are invited for the post of TEACHER of PHYSICS (Scale 1) in this 11 to 18 Co-educational Comprehensive School.
Application forms may be obtained from the Headmaster and should be returned by July 4 1977.

HUMBERSIDE
EDUCATION COMMITTEE
SCUNTHORPE DIVISION
WINTERTON COMPREHENSIVE SCHOOL
Winterton, Scunthorpe
Headmaster: A. Atkinson
Required for August 31, 1977, TEACHER of PHYSICS, Scale 1.
Required for August 31, 1977, TEACHER of PHYSICS with MATHEMATICS, Scale 1.
Applications by letter to the Headmaster giving full details of qualifications, etc., together with the names of two referees by July 4, 1977.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
[illegible] GRAMMAR SCHOOL FOR GIRLS
[illegible] Road, Dover CT16 2PZ
Required for September, 1977:— TEACHER for JUNIOR SCIENCE and BIOLOGY.
Applications to the Headmistress, stating names of two referees.
QUEEN ELIZABETH'S SCHOOL
Abbey Place, Faversham
A co-educational grammar school of 600 pupils.
Required for September, a master or mistress to teach PHYSICS in C.S.E., "O" level and PHYSICS with CHEMISTRY to junior forms. For a suitably qualified candidate some "A" level Physics teaching would be available.
The School has been in new buildings since September, 1967, and the facilities include modern well-equipped laboratories.
Applications by letter, including the names of two referees, should be sent as soon as possible to the Headmaster at the school.

MAIDSTONE DIVISION
OLDBOROUGH MANOR SCHOOL
Boughton Lane, Maidstone
(1,400 Mixed)
BIOLOGY specialist with an interest in Nuffield Combined Science. The ability to offer Mathematics as a second subject would be an advantage.
Application form and further details available from the Headmaster (stamped addressed envelope).
OLDBOROUGH MANOR SCHOOL
Boughton Lane, Maidstone
(1,400 Mixed)
CHEMISTRY specialist to teach across the age range (11-17). Nuffield Combined Science in first two years. Well established courses leading to C.O.E. and "A" level.
Application form and further details available from the Headmaster (stamped addressed envelope).

HEREFORD AND WORCESTER
(COUNTY COUNCIL OF)
EDUCATION DEPARTMENT
KIDDERMINSTER
KING CHARLES I HIGH SCHOOL
Chester Road South
Kidderminster
Worcestershire DY10 1XA
A PHYSICIST (Scale 1) is required for 1st September, 1977. A Nuffield curriculum is taught to "O" level and throughout the "A" level course. The Department is in a new and the subject popular [illegible]
From September the school is a 13 to 18 mixed comprehensive [illegible] entire [illegible] September 1978. The person appointed would be expected to teach [illegible] in [illegible] to the [illegible] of the school.
Please apply by letter to the Headmaster with curriculum vitae and the names and addresses of two referees. Further information available on request.

KINGSTON upon Thames
(Royal Borough of)
RIVERMEAD BOYS' SCHOOL
Richmond Road,
Kingston upon Thames, Surrey KT2 5PN
(600 boys)
GRADUATE TEACHER of PHYSICS for one term from September to teach to all levels.
London allowance £297.
Assistance may be provided with removal expenses.
Application form and further information obtainable from the Headmaster at the school, to be returned to him as soon as possible. (Telephone: 01-546 [illegible])

KNOWSLEY
(Metropolitan Borough of)
ST. EDMUND ARROWSMITH R.C. COMPREHENSIVE SCHOOL
Brookhay Lane, Prescot, Merseyside L36 7JO
(700 boys and girls)
1st September, 1977: SCIENCE, Scale 1. Opportunity to specialise in either Physics or Chemistry.
Apply by letter, as soon as possible, to the Headmaster.

LEICESTERSHIRE

COUNTESTHORPE COLLEGE
Winchester Road, Countesthorpe
Leicester
In the Leicestershire Plan for the Organisation of Secondary Education
Upper 14 to 18
(Roll 603)

SCIENCE
Scale according to age and experience
Required August or as soon as possible, SCIENTIST able to teach GENERAL SCIENCE but also to work as a TUTOR responsible for HUMANITIES WORK of mixed group in an interdisciplinary team.
Apply immediately (no forms) with full particulars and the names and addresses of two referees (stamped addressed envelope). No further details.

LEICESTERSHIRE

ST. PAUL'S R.C. (AIDED) SCHOOL
Leicester
Comprehensive 11-18
Establishment approximately 900 (150 in Sixth Form)

JUNIOR SCIENCE and PHYSICS. Scale 1
Required August or as soon as possible.
St. Paul's is a five-form entry (11-18) school, formed from the amalgamation of the former Corpus Christi R.C. Mixed Secondary School and Evington Hall R.C. Grammar School for girls. It has a Sixth Form of 120 pupils at present, mainly girls, but this will gradually change to a mixed Sixth Form.
Apply (no forms) with full particulars and names and addresses of two referees to Sr. G. I. O'Donnell, M.A., Corpus Christi R.C. School, Gwendolen Road, Leicester LE5 5FS.

LIVERPOOL

STANLEY PARK COMPREHENSIVE GIRLS' SCHOOL
Priory Road, Liverpool L4 2SL
Required for September, 1977, ASSISTANT for SCIENCE, Scale 1. A Scale 2 post available for suitable applicant.
Application forms obtainable from (stamped addressed envelope) and returnable to the Head Teacher of the school.

Quote reference P+M 3301(b).
ST. NICHOLAS R.C. SECONDARY BOYS' S.P. SCHOOL
Brownlow Hill, Liverpool L3 5RF
Required for September, 1977, ASSISTANT for PHYSICS, Scale 1. Also to assist teaching of general science.
Application forms obtainable from (stamped addressed envelope) and returnable to the Head Teacher at the school. Quote reference P+M 3471(b).

LONDON, E.C.2
CENTRAL FOUNDATION BOYS' GRAMMAR SCHOOL
Cowper Street, London EC2A 4AP
(near Old Street Station)
Required to commence in September or in January, a Graduate TEACHER of PHYSICS, in this three-form entry voluntary aided boys' school. Central Foundation is at present a Grammar school which will admit its first all-ability intake into the first year in September, 1977.
There are excellent, well-equipped laboratories and the person appointed will share in the teaching of Physics at all levels from the 1st year to the U.VI "A" level groups. An appointment for September or January can be arranged. A Scale 2 post is available for a teacher of an appropriate degree of experience, but applications are welcome also from those seeking a first appointment.
Please apply by letter only to the Headmaster giving full details of experience and qualifications and the names and addresses of two referees.

LONDON, N.W.1
J.F.S. COMPREHENSIVE SCHOOL
175 Camden Road
Headmaster: Mr. L. Dalon, B.Sc., F.I.M.A.
SCIENCE (BIOLOGY) DEPARTMENT
TEACHER of BIOLOGY required for September, 1977 or as soon as possible thereafter for this eight-form mixed voluntary aided comprehensive school. This is a well-established purpose-built school, with excellent laboratory facilities.
Applications to Mr Nathan Rubin, F.C.I.S., Hon. Correspondent, J.F.S. Comprehensive School, 175 Camden Road (corner of Torriano Avenue), London, N.W.1.

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
COSTESSEY SECONDARY SCHOOL
Richmond Road, New Costessey, Near Norwich
(Roll 840)
Required for September, 1977: Scale 1. PHYSICAL SCIENCE with MATHEMATICS.
For application forms and details please apply to the Head Teacher of the school enclosing a stamped self-addressed foolscap envelope. If an acknowledgement of the completed application forms is required then this must be accompanied by a further self-addressed stamped envelope.

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
DISS SECONDARY SCHOOL
Walcot Road, Diss, Norfolk
(Number on roll: 765)
Scale 1 SCIENCE TEACHER in C.S.E. and G.C.E. "O" level with some Combined Science in Junior classes.
Application forms and further details on receipt of a stamped addressed envelope from the Headmaster at the school.
Applications will only be acknowledged on receipt of a stamped addressed envelope.

NORTH YORKSHIRE
(County of)
QUEEN ANNE GRAMMAR SCHOOL
York
(700 Girls)
Required for September 1977, A TEACHER of PHYSICS, Scale 1, to "O" "A" level work. Ability to help with Games an advantage.
Apply, immediately, by letter in the first instance to the Headmistress, Queen Anne Grammar School, Queen Anne's Road, Bootham, York YO3 7AA, giving curriculum vitae and the names and addresses of two referees.

NORTH YORKSHIRE
(County of)
THE HOLY FAMILY R.C. SECONDARY SCHOOL
Carlton, Goole DN14 9NS
Required for September, 1977 — TEACHER of SCIENCE (Scale 1) to share in the teaching of integrated Science in the Lower School and to teach Biology to C.S.E. and "O" level. An interest in Rural Studies would be an advantage.
Application forms (stamped addressed envelope, please) obtainable from the Headmaster to whom they should be returned within 10 days of the appearance of this advertisement.

NORTHAMPTONSHIRE
HENRY DOTCH SCHOOL
Doobis Road, Kettering, Northants NN16 7AA
Required for September 1977 a TEACHER OF SCIENCE (Scale 1), graduate if possible, to teach Combined Science to classes in the first two years: C.S.E. General Science in fourth and fifth years and with the opportunity to teach Physics or Chemistry in the third year and for C.S.E.
The school, which is mixed with a roll of 1,040, took in its first fully comprehensive intake in September 1976.
Applications from newly qualified teachers welcomed.
Further details and application forms from Headmaster (stamped addressed envelope).

SURREY COUNTY COUNCIL

* FRINGE AREA LONDON ALLOWANCE £150 p.a. THROUGHOUT THE COUNTY.
* Generous relocation expenses in approved cases.
* Applicants should be able to teach general form subjects in addition to any other subject stated below.
* Applicants for appointments to County and Voluntary Controlled Schools (except reserved teachers) effective from 1 September 1977 and later should note the Education Committee's proposal to issue to Assistant Teachers on Burnham Scales 1-4 Contracts to the Service of the County Council with assignment initially to the school indicated. This will mean that teachers so appointed may be required to transfer to other schools at a later date.

DEPUTY HEADSHIP

CARDINAL NEWMAN R.C. (AIDED) MIDDLE SCHOOL, Arch Road, Hersham, Walton-on-Thames
DEPUTY HEAD TEACHER required September, 1977, or as soon as possible thereafter, for this Group 4, Voluntary Aided Middle School for pupils aged 9-13 years. Estimated number on roll (September 1977) 227. Salary Scale £3,380-£4,536 p.a. plus £312 p.a. (1976 Supplement) plus from £132-£169 p.a. (1977 Supplement). All applicants should be practising Roman Catholics.
Application forms and further details available on receipt of a stamped addressed foolscap envelope from the Area Education Officer, 7 Monument Hill, Weybridge, Surrey. Completed applications should be returned by 8 July, 1977.

POSTS OF RESPONSIBILITY

NORTH WESTERN AREA (Including Woking, Camberley, Chertsey, Egham). Area Education Officer, "Lismore", 9 Heathside Road, Woking (Tel. Woking 4311).

MANORCROFT COUNTY FIRST AND MIDDLE SCHOOL, Egham
Two Teachers required, one to offer FRENCH, the other CRAFT. Scale 2 for suitable applicants.

SCALE 1 POSTS

NORTHERN AREA (Including Stanwell, Staines, Weybridge, Esher, Cobham). Area Education Officer, 7 Monument Hill, Weybridge (Tel. Weybridge 52811).

HINCHLEY WOOD COUNTY FIRST AND MIDDLE
Teacher required.

SOUTH EASTERN AREA (Including Reigate, Banstead, Caterham). Area Education Officer, 123 Blackborough Road, Reigate (Tel. Redhill 66441).

MERLAND RISE COUNTY MIDDLE SCHOOL, Tattenham Corner, Epsom
Class Teacher for Lower Middle School: FRENCH, MUSIC, P.E. an advantage.
Further details available from the appropriate Area Education Officer. Application forms available on receipt of a stamped, addressed, foolscap envelope from the County Education Officer, County Hall, Kingston upon Thames, KT1 2DJ, or from the Area Education Officer.

ASHFORD, ABBOTSFORD COUNTY SECONDARY
FRENCH with some GERMAN teacher required.
P.E. teacher required.
Telephone: Ashford 43624.

CAMBERLEY, ROBERT HAINING COUNTY SECONDARY
CRAFT DESIGN and TECHNOLOGY teacher required. Opportunity for wide-ranging experience using a Design approach in a well-established department. Courses to C.S.E. and "O" level.
Telephone: Farnborough 44978.

EFFINGHAM, HOWARD OF EFFINGHAM SCHOOL
PHYSICS teacher to take subject to C.S.E. and "O" level. Possibility of "A" level work. Scale 2 for suitable candidate.
Telephone Bookham 538 94.

FRIMLEY, TOMLINSCOTE SCHOOL
BOY'S P.E. teacher required. Interest in Rugby Football and Basketball an advantage.
SCIENCE teacher required to teach Physics/Chemistry to C.S.E. and "O" level with GENERAL SCIENCE.
Telephone: Camberley 28760.

HERSHAM, RYDENS SCHOOL
DESIGN/CRAFT teacher required.
MATHEMATICS teacher required. S.M.P. courses followed throughout the school to "A" level.
Telephone: Walton 24783/42894.

MILFORD, RODBOROUGH COUNTY SECONDARY
BOYS' P.E. and GAMES teacher required.
Telephone: Godalming 28182.

NEW HAW, FULBROOK COUNTY SECONDARY
GERMAN teacher required, preferably with FRENCH as a second language. "A" level work available in 1978.
PHYSICS teacher required. "A" level work for suitably qualified applicant. Excellent laboratory facilities.
RELIGIOUS INSTRUCTION teacher required. Subject offered on same lines as other HUMANITIES to "O" and "A" level.
Telephone: Byfleet 49301.

REDHILL, ST. BEDE'S SCHOOL (C. of E./R.C.)
PHYSICS teacher for one term only. This post is temporary and could be filled by a First Appointment.
Telephone: Redhill 63780.

SHEPPERTON, THAMESMEAD COUNTY SECONDARY
MUSIC, DRAMA AND RELIGIOUS INSTRUCTION teacher required.
Telephone: Walton-on-Thames 27078.

STAINES, MAGNA CARTA COUNTY SECONDARY
MATHEMATICS (Traditional) teacher required to take subject to "O" level.
Telephone: Staines 55487.

THE STANWELL SCHOOL
HOME ECONOMICS teacher required to teach to C.S.E. and "O" level.
MATHEMATICS teacher to C.S.E. and "O" level. Ability to teach STATISTICS an advantage.
Telephone Ashford 50453.

SUNBURY COUNTY SECONDARY
REMEDIAL teacher required. Ability to offer MATHEMATICS, SCIENCE or FRENCH an advantage. (The School opened in 1976 with its First Year Group.)
Telephone: Sunbury-on-Thames 82844.

WARLINGHAM COUNTY SECONDARY
ENGLISH teacher for Autumn Term only. This post is temporary and could be filled by a First Appointment.
Telephone: Upper Warlingham 4087.

WEST MOLESEY, BISHOP FOX SCHOOL
SCIENCE teacher required to teach GENERAL SCIENCE to years 1 and 2 with C.S.E. PHYSICS and "O" level and C.S.E. BIOLOGY.
Telephone: 01-979 8334.

WOKING, ST. JOHN THE BAPTIST R.C. COMPREHENSIVE
GERMAN with some FRENCH teacher required. Ability to teach GERMAN in Sixth Form essential.
Telephone: Woking 67442.

SIXTH FORM COLLEGES

WOKING SIXTH FORM COLLEGE
Teacher for PHYSICS with a little CHEMISTRY required for the new purpose-built Sixth Form College. Application forms from Area Education Officer, returnable as quickly as possible.
Principal Designate: Woking 61181.

Further details available from the Head where the telephone number is shown. Application forms available on receipt of a stamped, addressed foolscap envelope from the County Education Officer, County Hall, Kingston upon Thames, KT1 2DJ.
(The Authority will not be advertising every individual Scale 1 post, but a complete list of all vacancies will be sent upon receipt, by the County Education Officer, of a stamped, addressed envelope (foolscap).)

Royal County of BERKSHIRE

Unless otherwise stated: Closing date 11 July, 1977, starting date 1 September, 1977. For Secondary posts only apply to the Head Teacher with details, naming two referees (details) or for an application form (forms). With all applications enclose a large stamped addressed envelope. Lodging allowance and removal expenses schemes in operation. London Fringe Allowance £150 and possibility of housing in the Bracknell and Slough Districts.

Primary Schools

HEAD TEACHER
ST SEBASTIAN'S CE (AIDED) PRIMARY SCHOOL
Nine Mile Ride, Wokingham.
For January, for this Group 2 Primary School, roll 114. Applicants should be committed Communicant Christians. Forms, etc. from District Education Office, Reading Road, Wokingham, quoting WEA687. Closing date 4 July.

DEPUTY HEAD
PANGBOURNE COUNTY INFANT SCHOOL
Pangbourne, Nr. Reading.
Required January or sooner, DEPUTY HEAD (Group 4). Forms, etc. from the District Education Officer, 112 Newtown Road, Newbury RG14 7BX.

SCALE 1 POST
FOXBOROUGH COMBINED SCHOOL
Slough.
Class teacher for 3rd and 4th year MIDDLE SCHOOL pupils. Ability to teach FRENCH and ENVIRONMENTAL STUDIES an advantage. Forms, etc. from District Education Officer, 48 High Street, Slough, SL1 1EN.

Secondary Schools

ENGLISH & CLASSICS
SHAW HOUSE GIRLS' COMPREHENSIVE SCHOOL
Newbury.
ENGLISH or CLASSICS graduate to teach ENGLISH throughout school, roll 700 to CSE and "O" level. An interest in sharing the teaching of LATIN in a stimulating and interesting experiment now being conducted in the lower school would be an advantage. (Forms).

ENGLISH AND GEOGRAPHY, Scale 1
HAYMILL COUNTY SECONDARY SCHOOL
Burnham Lane, Slough.
Roll 473. To share in teaching of both subjects to CSE level. (Forms).

LANGUAGES, Scale 1
HIGHDOWN COMPREHENSIVE SCHOOL
Surley Row, Emmer Green, Reading RG4 8LR.
Roll 1,300. A graduate for a post within the LANGUAGES FACULTY involving the teaching of FRENCH and EUROPEAN STUDIES. (Forms).

MATHEMATICS, Scale 1
ALFRED SUTTON BOYS' SCHOOL
Crescent Road, Reading RG1 5SR.
Roll 920. A full-time MATHEMATICS teacher for one term only. The post can be adapted for teaching across the 11-18 age range or in the Lower School only. (Details).
ALFRED SUTTON GIRLS' SCHOOL
Green Road, Reading.
Roll 900. To teach MATHEMATICS up to "O" level. Interest in teaching whole ability range. (Forms).
GARTH HILL SCHOOL
Sandy Lane, Bracknell.
11-18 comprehensive mixed, roll 1,500. To teach SMP MATHEMATICS to "O" level and a modern syllabus for CSE. It would be helpful if candidates could offer COMPUTER SCIENCE as a subsidiary subject and/or traditional APPLIED MATHEMATICS. There are established courses for CSE, "O" and "A" level. The post is suitable for a newly qualified graduate. (Forms).
HAYMILL COUNTY SECONDARY SCHOOL
Burnham Lane, Slough.
Roll 442 mixed. Teacher of MATHEMATICS and ENGINEERING DRAWING. Opportunities of teaching both subjects to CSE and/or GCE "O" level. (Forms).

MUSIC, Scale 1
WESTGATE COUNTY SECONDARY SCHOOL
Cippenham Lane, Slough.
Roll 520 mixed. Teacher of MUSIC. Established CSE courses. State other subjects. (Details).

PE, Scale 2 or 1
SLOUGH & ETON C OF E SECONDARY SCHOOL
Ragstone Road, Slough.
Roll 500. To teach GIRLS' PE throughout the School. Scale 2 for suitably experienced teacher. Newly qualified teachers welcome to apply. (Forms).

RE, Scale 1
EASTHAMPSTEAD PARK SCHOOL
Wokingham.
For this new co-educational comprehensive school, serving expanding neighbourhoods of Bracknell new town, 1,258 on roll including 6th form. full-time or part-time teacher of RELIGIOUS EDUCATION. Scale 2 post will be allocated to suitable applicant when available in 1978. (Forms).

SCIENCE, Scale 4
SHAW HOUSE GIRLS' COMPREHENSIVE SCHOOL
Newbury.
Roll 700. For September or January, well qualified and experienced graduate science teacher as HEAD OF DEPARTMENT, to lead and further develop the thriving science department. Experience with Nuffield Science in a Comprehensive School desirable. (Forms).

SCIENCE, Scale 3
BRAKENHALE SCHOOL
Rectory Lane, Bracknell.
For this 11-18 mixed comprehensive school, roll 1,440, a HEAD OF PHYSICS. In years 1 and 2 pupils follow the Nuffield Combined Science Course. In the 3rd Year all pupils take a course based upon SCISP. There is a variety of courses in years 4 and 5, including SCISP and separate science to CSE and "O" level. Biology, Chemistry and Physics are well established courses at "A" level. The teacher appointed will be designated second in the Science Department. (Forms).

SCIENCE, Scale 1
ASHMEAD BOYS' SCHOOL
Northumberland Avenue, Reading.
Roll 1,050. Two posts: both to teach Lower School COMBINED SCIENCE, INTEGRATED SCIENCE to "O" level and CSE and CSE Mode 3 Combined Science. For one post BIOLOGICAL SCIENCES and for the other a PHYSICAL SCIENCE background would be helpful, but an interest in integrated science is more important. (Forms).
BRAKENHALE SCHOOL
Rectory Lane, Bracknell.
For this 11-18 mixed comprehensive school, roll 1,440, a temporary teacher of PHYSICS for the Autumn Term only. (Forms).
PARK HOUSE COMPREHENSIVE SCHOOL
Andover Road, Newbury.
Roll 746. A teacher of COMBINED SCIENCE and CHEMISTRY, to join team of six in a new Science Block (Forms).
WESTGATE COUNTY SECONDARY SCHOOL
Cippenham Lane, Slough.
To teach GENERAL SCIENCE subjects through school, 510 mixed on roll. "O" level and CSE courses are organised. (Details).

TECHNICAL, Scale 2
HERSCHEL HIGH SCHOOL
Northampton Avenue, Slough.
Roll 870 mixed. Teacher of Technical Studies with bias towards METALWORK & TECHNICAL DRAWING. Large, well equipped department. Scale 2 possible but will be happy to hear from less experienced applicants. (Details).

TECHNICAL, Scale 1
HAYMILL COUNTY SECONDARY SCHOOL
Burnham Lane, Slough.
Roll 442 mixed. To teach METALWORK throughout the school, including CSE and/or GCE "O" level. An interest in ENGINEERING DRAWING would be an advantage. (Forms).

SECONDARY
Science
continued

NORTHAMPTONSHIRE
WESTON FAVELL UPPER SCHOOL, Spring Lane South, Northampton NN3 5EZ
Required at this co-educational comprehensive Upper School for 1 Sept onwards for the age range 13 to 18 a TEACHER of CHEMISTRY. The Department offers courses at all levels, C.S.E., 'O' and 'A' levels.
The appointment is at Scale 1 and the successful applicant will take up duties in September 1977.
Candidates are asked to apply immediately by letter, detailing full curriculum vitae and the name of one professional referee, to the Headmaster. Further details of the post will be sent to all candidates.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:—
ARNOLD HILL COMPREHENSIVE SCHOOL, Hedges Road, Arnold Nottingham NG5 6NZ
M. C. Dixey, B.Sc., M.A., Headmaster (Acting).
E. Goodwill, M.A., B.Sc., (Hons), Education Officer.
For September, ONE/HALF TIME TEACHER of MODERN LANGUAGES throughout school, including Sixth Form work is available and preference will be given to combined science is first two years.
Applications (on forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
FAIRFAX COMPREHENSIVE SCHOOL, Farnborough Road, Clifton Estate, Nottingham NG11 9AF
M. C. Dixey, B.Sc., M.A., Headmaster (Acting).
For September, ONE/HALF TIME TEACHER of MODERN LANGUAGES throughout school, including Sixth Form work is available and preference will be given to combined science is first two years.
Applications (on forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
FOREST FIELDS SIXTH FORM COLLEGE, Carlton Road, Nottingham NG5 2NR
Headmaster — J. P. Hancox, B.Sc.
(Mixed: 460)
For September: Honours Graduate (Scale 1) to teach Physics up to "A" level. Temporary post pending appointment of Grade IV Head of Department.
Applications (on forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
ARNOLD HILL COMPREHENSIVE SCHOOL, Hedges Road, Arnold Nottingham NG5 6NZ
M. C. Dixey, B.Sc., M.A., Headmaster (Acting).
E. Goodwill, M.A., B.Sc., (Hons), Education Officer.
For September, ONE/HALF TIME TEACHER of MODERN LANGUAGES throughout school, including Sixth Form work is available and preference will be given to combined science is first two years.
Applications (on forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
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FAIRFAX COMPREHENSIVE SCHOOL, Farnborough Road, Clifton Estate, Nottingham NG11 9AF
M. C. Dixey, B.Sc., M.A., Headmaster (Acting).
For September, ONE/HALF TIME TEACHER of MODERN LANGUAGES throughout school, including Sixth Form work is available and preference will be given to combined science is first two years.
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Headmaster — J. P. Hancox, B.Sc.
(Mixed: 460)
For September: Honours Graduate (Scale 1) to teach Physics up to "A" level. Temporary post pending appointment of Grade IV Head of Department.
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ARNOLD HILL COMPREHENSIVE SCHOOL, Hedges Road, Arnold Nottingham NG5 6NZ
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FAIRFAX COMPREHENSIVE SCHOOL, Farnborough Road, Clifton Estate, Nottingham NG11 9AF
M. C. Dixey, B.Sc., M.A., Headmaster (Acting).
For September, ONE/HALF TIME TEACHER of MODERN LANGUAGES throughout school, including Sixth Form work is available and preference will be given to combined science is first two years.
Applications (on forms) to the Headmaster, with names of two referees, as soon as possible.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
SUTTON COMPREHENSIVE SCHOOL, Church Drive, Kirkby-in-Ashfield Nottingham NG17 8FL
Needham, G. E. Carnthorn, B.A., A.K.C.
Mixed: 1,250 (11-18)
For September, ONE/HALF TIME TEACHER (Scale 1) to teach INTEGRATED SCIENCE to years 1 to 3, and "A" level Chemistry.
Applications (on forms) to the Headmaster, with names of two referees, as soon as possible.

OXFORDSHIRE
COUNTY COUNCIL
BICEPTO SCHOOL
Bell Lane, Bicester, Oxfordshire
Required for September, 1977, TEACHER with SCIENCE qualification—specially interested in teaching Junior Science and also qualified to teach Science. Knowledge of Welsh would be an advantage.
Application forms available from the Headmaster (attached addressed envelope) to whom they should be returned by the 8th July, 1977.

REDBRIDGE
(London Borough of)
BEVERS WAYS HIGH SCHOOL
Ley Street, Ilford IG2 7BT
Headmistress: Miss D. Lewis, M.A.
Telephone number: 01-554 8653
Suitably qualified TEACHER of PHYSICS and SCIENCE (Scale 1) required for September, 1977, in this school 11 to 18 Comprehensive. Where will be a vacancy for the post of Head of Science. A candidate will be preferred who is a Graduate in Science, B.Sc. or G.I.C.E. Graduate, and who can contribute to take some Lower School Science.
BARKING HIGH SCHOOL
Clingal Avenue, Romford, Essex
Telephone number: Chadwell Heath 01-597 1161
Headmaster: J. S. Woollen, B.Sc., M.Ed., M.Litt.
Suitably qualified TEACHER of SCIENCE or SCIENCE with MATHEMATICS (Scale 1) required for September, 1977, to join an upcoming department of 8 divisions as 1st or 2nd in charge.
Site School. A newly constructed laboratory suite will be occupied shortly. A Scale 2 post will be available for an experienced candidate but applications from newly qualified teachers will be welcomed.
LONGFORD HIGH SCHOOL
Longford Lane, Hayes, Hillingdon
Telephone number: Hayes 01-561 3838
Headmaster: J. R. L. Mitchell, B.Sc., A.K.C., A.R.C.S., F.R.A.S.
Suitably qualified TEACHER of PHYSICS (Scale 1) required for September, 1977, in this mixed 11 to 18 Comprehensive School.
Applicants should state other subjects offered.
Outer London allowance is payable in all cases.
For all posts further details and application forms available from the Headmaster by letter giving full details of his school concerned to be returned as soon as possible.

REDBRIDGE
(London Borough of)
WANSTEAD HIGH SCHOOL
Redbridge Lane East, E11 2JZ
Telephone Number: 01-989 2701
Headmaster, Mr. P. N. C. Taylor M.A. (Cantab)
Suitably qualified TEACHER of PHYSICS (Scale 1) required for September, 1977, to develop well-equipped Department. The successful candidate would teach combined science (years 1 to 3), Physics, C.S.E., 'O' level and G.C.E. Night Institute based on Nightingale Hall. Applicants (on forms) to the Headmaster with names of two referees. Closing date July 15th.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
SUTTON COMPREHENSIVE SCHOOL, Church Drive, Kirkby-in-Ashfield Nottingham NG17 8FL
Needham, G. E. Carnthorn, B.A., A.K.C.
Mixed: 1,250 (11-18)
For September, ONE/HALF TIME TEACHER (Scale 1) to teach INTEGRATED SCIENCE to years 1 to 3, and "A" level Chemistry.
Applications (on forms) to the Headmaster, with names of two referees, as soon as possible.

OXFORDSHIRE
COUNTY COUNCIL
BICEPTO SCHOOL
Bell Lane, Bicester, Oxfordshire
Required for September, 1977, TEACHER with SCIENCE qualification—specially interested in teaching Junior Science and also qualified to teach Science. Knowledge of Welsh would be an advantage.
Application forms available from the Headmaster (attached addressed envelope) to whom they should be returned by the 8th July, 1977.

POWYS
COUNTY COUNCIL
EDUCATION DEPARTMENT
LLANFAIR CALEDINION HIGH SCHOOL
Buckland, Powys
Tel.: Llanfair 360
Required for September, 1977, TEACHER with SCIENCE qualification—specially interested in teaching Junior Science and also qualified to teach Science. Knowledge of Welsh would be an advantage.
Application forms available from the Headmaster (attached addressed envelope) to whom they should be returned by the 8th July, 1977.

REDBRIDGE
(London Borough of)
BEVERS WAYS HIGH SCHOOL
Ley Street, Ilford IG2 7BT
Headmistress: Miss D. Lewis, M.A.
Telephone number: 01-554 8653
Suitably qualified TEACHER of PHYSICS and SCIENCE (Scale 1) required for September, 1977, in this mixed 11 to 18 Comprehensive School. Where will be a vacancy for the post of Head of Science. A candidate will be preferred who is a Graduate in Science, B.Sc. or G.I.C.E. Graduate, and who can contribute to take some Lower School Science.
BARKING HIGH SCHOOL
Clingal Avenue, Romford, Essex
Telephone number: Chadwell Heath 01-597 1161
Headmaster: J. S. Woollen, B.Sc., M.Ed., M.Litt.
Suitably qualified TEACHER of SCIENCE or SCIENCE with MATHEMATICS (Scale 1) required for September, 1977, to join an upcoming department of 8 divisions as 1st or 2nd in charge.
Site School. A newly constructed laboratory suite will be occupied shortly. A Scale 2 post will be available for an experienced candidate but applications from newly qualified teachers will be welcomed.
LONGFORD HIGH SCHOOL
Longford Lane, Hayes, Hillingdon
Telephone number: Hayes 01-561 3838
Headmaster: J. R. L. Mitchell, B.Sc., A.K.C., A.R.C.S., F.R.A.S.
Suitably qualified TEACHER of PHYSICS (Scale 1) required for September, 1977, in this mixed 11 to 18 Comprehensive School.
Applicants should state other subjects offered.
Outer London allowance is payable in all cases.
For all posts further details and application forms available from the Headmaster by letter giving full details of his school concerned to be returned as soon as possible.

STAFFORDSHIRE
EDUCATION COMMITTEE
LEA ROAD HIGH SCHOOL
Lea Road, Stafford
Telephone: 0785-2424/5958
Headmaster: R. M. Mitchell, B.Sc., M.Ed., M.Phil.
Suitably qualified TEACHER of PHYSICS (Scale 1) required for September, 1977, in this mixed 11-18 Comprehensive School.
Applicants should state other subjects offered.
Outer London allowance is payable in all cases.
For all posts further details and application forms available from the Headmaster by letter giving full details of his school concerned to be returned as soon as possible.

REDBRIDGE
(London Borough of)
BEVERS WAYS HIGH SCHOOL
Ley Street, Ilford IG2 7BT
Headmistress: Miss D. Lewis, M.A.
Telephone number: 01-554 8653
Suitably qualified TEACHER of PHYSICS and SCIENCE (Scale 1) required for September, 1977, in this mixed 11 to 18 Comprehensive School. Where will be a vacancy for the post of Head of Science. A candidate will be preferred who is a Graduate in Science, B.Sc. or G.I.C.E. Graduate, and who can contribute to take some Lower School Science.
BARKING HIGH SCHOOL
Clingal Avenue, Romford, Essex
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Headmaster: J. S. Woollen, B.Sc., M.Ed., M.Litt.
Suitably qualified TEACHER of SCIENCE or SCIENCE with MATHEMATICS (Scale 1) required for September, 1977, to join an upcoming department of 8 divisions as 1st or 2nd in charge.
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LONGFORD HIGH SCHOOL
Longford Lane, Hayes, Hillingdon
Telephone number: Hayes 01-561 3838
Headmaster: J. R. L. Mitchell, B.Sc., A.K.C., A.R.C.S., F.R.A.S.
Suitably qualified TEACHER of PHYSICS (Scale 1) required for September, 1977, in this mixed 11 to 18 Comprehensive School.
Applicants should state other subjects offered.
Outer London allowance is payable in all cases.
For all posts further details and application forms available from the Headmaster by letter giving full details of his school concerned to be returned as soon as possible.

SANDWELL
(Metropolitan Borough of)
MENZIES HIGH SCHOOL
(11-18 Mixed Comprehensive)
Required for September, 1977: TEACHER for PHYSICS
Scale one post
The Physics Department is a strong one with four laboratories and a preparation room and there is a full-time Technical Assistant.
Letters of application, together with the names and addresses of two referees, should be addressed to the Head Teacher, Clarence Lane, West Bromwich, West Midlands, as soon as possible.

SHEFFIELD
EDUCATION COMMITTEE
ST. PETER'S C.E. (C) SCHOOL
Marmet Road, Sheffield S6 1AJ
(11-16 Co-ed Comprehensive)
Required for September, 1977 a TEACHER of SCIENCE. This department provides courses in physics, chemistry, general science to C.S.E. and 'O' level and courses in science and combined science 'A' level.
Applicants should state other subjects offered.
Outer London allowance is payable in all cases.
For all posts further details and application forms available from the Headmaster by letter giving full details of his school concerned to be returned as soon as possible.

REDBRIDGE
(London Borough of)
WANSTEAD HIGH SCHOOL
Redbridge Lane East, E11 2JZ
Telephone Number: 01-989 2701
Headmaster, Mr. P. N. C. Taylor M.A. (Cantab)
Suitably qualified TEACHER of PHYSICS (Scale 1) required for September, 1977, to develop well-equipped Department. The successful candidate would teach combined science (years 1 to 3), Physics, C.S.E., 'O' level and G.C.E. Night Institute based on Nightingale Hall. Applicants (on forms) to the Headmaster with names of two referees. Closing date July 15th.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following post:
SUTTON COMPREHENSIVE SCHOOL, Church Drive, Kirkby-in-Ashfield Nottingham NG17 8FL
Needham, G. E. Carnthorn, B.A., A.K.C.
Mixed: 1,250 (11-18)
For September, ONE/HALF TIME TEACHER (Scale 1) to teach INTEGRATED SCIENCE to years 1 to 3, and "A" level Chemistry.
Applications (on forms) to the Headmaster, with names of two referees, as soon as possible.

OXFORDSHIRE
COUNTY COUNCIL
TOM WILLIAMS'S C.E. (C) SCHOOL
Oxford Road, Banbury, Oxon
Required for September, 1977, TEACHER of PHYSICS. Applicants should be willing to teach a suitable applicant. The post will be linked to a Teacher required to assist in the new boarding house.
Apply direct to the Principal by letter, full details and quoting names and addresses of two referees.

POWYS
COUNTY COUNCIL
EDUCATION DEPARTMENT
LLANFAIR CALEDINION HIGH SCHOOL
Buckland, Powys
Tel.: Llanfair 360
Required for September, 1977, TEACHER with SCIENCE qualification—specially interested in teaching Junior Science and also qualified to teach Science. Knowledge of Welsh would be an advantage.
Application forms available from the Headmaster (attached addressed envelope) to whom they should be returned by the 8th July, 1977.

SUTTON
(London Borough of)
SUTTON MANOR HIGH SCHOOL FOR GIRLS
Manor Lane, Sutton, Surrey
SM1 4AB Telephone 01-642 5621
Required for September, 1977, a TEACHER of SCIENCE (Graduate or equivalent) throughout the school to 'O' and "A" levels. Courses are based on the Nuffield Scheme.
The girls are a selective school with 640 boys in the Sixth Form. London Weighting applies.
Letter of application together with details of his/her training and curriculum vitae direct to the Headmaster at the school as soon as possible.

SUTTON
(London Borough of)
SUTTON MANOR HIGH SCHOOL FOR GIRLS
Manor Lane, Sutton, Surrey
SM1 4AB Telephone 01-642 5621
Required for September, 1977, a TEACHER of MATHEMATICS (Graduate or equivalent) throughout the school to 'O' and "A" levels. Courses are based on the Nuffield Scheme.
The girls are a selective school with 640 boys in the Sixth Form. London Weighting applies.
Letter of application together with details of his/her training and curriculum vitae direct to the Headmaster at the school as soon as possible.

WALTHAM FOREST
(London Borough of)
EDUCATION COMMITTEE
The borough is within easy access of central London and bordered by Epping Forest. London addition to salary payable.
Required for September, 1977:—
SEVEN SENIOR HIGH SCHOOL FOR GIRLS
Cleveland Road, London E11 1JD.
Headmistress: Dr. A. M. Tisek, B.Sc.
PHYSICS TEACHER is required for this well established Girls' Comprehensive Senior High School (700 on roll, 11-18 years). To teach Physics to G.C.E. 'O' and 'A' levels within the Physics and Science Department. Excellent Laboratories.
Application forms obtainable on receipt of a stamped addressed envelope from the Head Teacher.

WILTSHIRE
NURSERY SECONDARY BOYS' SCHOOL
Laverstock, Salisbury
(Number on roll 241)
Required as soon as possible, a TEACHER to teach SCIENCE (SCIENCE Sci.) to the upper year and specialise in Physics and Chemistry in years four and five, up to 'O' level.
The school is housed in new buildings and facilities are good. There are three laboratories and in each of Biology, Physical Science and Physics.
The successful applicant will complete a team of three. A Scale 1 post is available for a suitable candidate.
For application form and further details please send stamped addressed envelope to the Secretary of the school.

WILTSHIRE
SHELDON SCHOOL
Chippenham
(Number on roll 1,200)
Comprehensive, Mixed; Roll Southern Intake Area.
Applications are invited from suitably qualified teachers for a post which some CHEMISTRY. The person who is appointed will be required to teach Chemistry up to 'A' level. Ability to teach Physics up to 'O' level would be an advantage.
Salary according to age and teaching experience.
Letter of application with curriculum vitae and the names of two referees, to the Headmaster, Sheldon School, Chippenham, Wiltshire, SN14 0HJ, by Friday, 15th June, 1977.
Applicants who have not been invited for interview by 1st July, 1977, should assume that the post has been filled

Qualified teachers are invited to apply for the following posts. Application forms and further particulars are available from the Head of the school concerned unless otherwise stated.

Inner London Area Payment (£402 per annum) in addition to the appropriate Burnham salary scale.

Household removal expenses may be paid wholly or in part to teachers accepting permanent teaching posts with the Authority when a change of residence is essential; payment covers cost of the removal of household effects, insurance in transit and fares for the teacher and family up to a notional maximum of £75, but payment in excess of this amount may be considered in exceptional circumstances. Teachers coming from service with another Authority may, in approved cases, receive assistance with the legal costs of house purchase (up to £250) and a grant towards the cost of obligatory expenditure such as cleaning of electric or gas services, fitted carpets or curtains etc subject to purchase of the house within six months of taking up an appointment. In addition, a separation allowance may be paid if a dependant family have to be left in the previous home while new accommodation is obtained in London. This allowance may be paid for a period not exceeding six months.

The Authority's scheme of assistance with the cost of travel to school operates for appointments where the letters 'AT' are shown.

Applications for posts up to and including Scale 2 should be made as soon as possible. The closing date for applications for posts above this level will be 14 days from publication date.

SECONDARY SCHOOLS

SENIOR TEACHERS

STOCKWELL MANOR SCHOOL, Stadium Road, London, SW9 0AL. Tel. 01-235 6336-7/8. Roll: 1,150. Group 12. Purpose-built comprehensive. Headteacher: Mrs. H. E. Hardy, B.A. (Hons).

Applications are invited from experienced teachers for the position of Senior Year Tutor in this Group 12 coeducational comprehensive school (Senior teacher). The Senior Year Tutor carries an overall responsibility for the pastoral organisation of years one to five, liaising with the sixth form tutor. This is a responsibility for pupils' discipline and welfare working in conjunction with the Deputy Head teachers and the Second Year Tutor. The Senior Year Tutor will oversee records and the exchange of information regarding pupils' progress throughout the school and will have a general overview of the pupils which year tutors, subject teachers, welfare assistants and other agencies may bring to bear on the work of the referral agencies in relation to the Deputy Group Head. The Senior Year Tutor will work in conjunction with year tutors in the establishment of homework schedules and will have specific responsibility for establishing and maintaining contact with the head teachers of contributory primary schools with respect to the transfer procedures. This is a key post in the development of a comprehensive and efficient pastoral care. Applicants are invited to visit the school by appointment. Application forms and further details are available from the School Secretary.

ART

Scale 1 Posts

BADGERNOLL (S.D.) SCHOOL, Wymouth Street, E.8. Tel.: 01-985 7777. Roll: 760. 11 to 18 years. Comprehensive.

Well qualified teacher required part-time (.50) for general Art. Applicants are invited to visit the school.

JOHN GRIFFITHS R.C. BOYS' SCHOOL, Princes Way, SW19 6QE. Tel.: 01-946 8132.

Roll: 720 boys. Purpose-built comprehensive. Headteacher: Mr. H. E. Hardy, B.A. (Hons).

Applications are invited from experienced teachers for the position of Senior Year Tutor in this Group 12 coeducational comprehensive school (Senior teacher). The Senior Year Tutor carries an overall responsibility for the pastoral organisation of years one to five, liaising with the sixth form tutor. This is a responsibility for pupils' discipline and welfare working in conjunction with the Deputy Head teachers and the Second Year Tutor. The Senior Year Tutor will oversee records and the exchange of information regarding pupils' progress throughout the school and will have a general overview of the pupils which year tutors, subject teachers, welfare assistants and other agencies may bring to bear on the work of the referral agencies in relation to the Deputy Group Head. The Senior Year Tutor will work in conjunction with year tutors in the establishment of homework schedules and will have specific responsibility for establishing and maintaining contact with the head teachers of contributory primary schools with respect to the transfer procedures. This is a key post in the development of a comprehensive and efficient pastoral care. Applicants are invited to visit the school by appointment. Application forms and further details are available from the School Secretary.

DRAMA

Posts of Responsibility

PADDINGTON Sixth Form, Quinton Road, London, W.2. Tel.: 01-286 1565. Roll: 600 boys and girls.

Headmaster: Norman Thomson, M.A.

Required for September, 1977, or as soon as possible thereafter, a full-time teacher for Drama.

A Scale 2 post is available for an experienced applicant, but a year entirely in the profession would be considered as Scale 1.

Applicants are invited to visit the school by appointment. Application forms and further details are available from the Headmaster.

GEOGRAPHY

Head of Department

PADDINGTON Sixth Form, Quinton Road, London, W.2. Tel.: 01-286 1565. Headmaster: Norman Thomson.

Required for September, 1977, or as soon as possible thereafter, a full-time teacher for Geography.

A Scale 2 post is available for an experienced applicant, but a year entirely in the profession would be considered as Scale 1.

Applicants are invited to visit the school by appointment. Application forms and further details are available from the Headmaster.

MODERN LANGUAGES

Scale 1 Post

BARNSBURY (S.D.) SCHOOL, Barnsbury Park, Liverpool Road, N1 1HJ. Tel.: 01-607 8387. Roll: 820 (11 to 18).

Required for September:

A part-time (.4) teacher of French to join a lively department. Interest in "Table" or experience of audio visual methods desirable. Social Priority Allowance payable.

Further details and application forms from the Headmistress of the school.

JOHN GRIFFITHS R.C. BOYS' SCHOOL, Princes Way, SW19 6QE. Tel.: 01-946 8132.

Roll: 720 boys. Purpose-built comprehensive accepting a pleasant site with established courses to G.C.E. 'O' and 'A' level. Sports include sailing and canoeing. Discipline is good and visits are welcomed by appointment (London allowance paid).

Required for September or as soon as possible:

Teacher of French to assist mainly with Lower School work.

Scale 1 for appointment. Forms from the Headmaster.

ST. THOMAS THE APOSTLE R.C. BOYS' SCHOOL, Holdenby Road, Peckham, London, S.E.15. Tel.: 01-693 0196. Roll: 950 boys, 11 to 18 years. Comprehensive. Headmaster: Brother Gerard Kelly.

Required for September:

A teacher of French, a willingness to participate in residential field work will be required.

Application for the post is good but preliminary visits by applicants are welcome.

Forms of application from the Headmaster at the school.

MATHEMATICS

Posts of Responsibility

HABERDASHERS' ASKE'S HATCHAM COLLEGE SCHOOL, Pepys Road, New Cross, S.E.14.

Three-form entry, wholly academic sixth form; roll: 740.

The successful applicant will be required to share responsibility for the timetable and to assist with the first year in September. There is already a mathematics collaboration with the neighbouring Haberdashers' Aske's Hatcher Boys' School and this will be further developed in the future.

Wanted for September.

Mathematics specialist to share the teaching in G.C.E. 'O' and 'A' levels with three other specialists. (N.B. has been interpreted as meaning that the teaching load will be reduced to 22 periods per week).

Salary: Scale 1 (Burnham).

Applications will be considered from suitably qualified teachers but a mid-day qualified candidate has priority.

Forms of application from the Headmaster.

NEEDLEWORK

Scale 1 Posts

HILLSIDE (S.D.) SCHOOL, Hillside, Upper Tooting Park, London, S.W.17. Tel.: 01-672 1181. Roll: 1,000 (11 to 18 years. Comprehensive.

Required for September or as soon as possible:

A qualified and experienced Head of Needlework (Scale 2) to lead a lively and enterprising department. The successful applicant will be required to share responsibility for the timetable and to assist with the first year in September. There is already a mathematics collaboration with the neighbouring Haberdashers' Aske's Hatcher Boys' School and this will be further developed in the future.

Wanted for September:

Mathematics specialist to share the teaching in G.C.E. 'O' and 'A' levels with three other specialists. (N.B. has been interpreted as meaning that the teaching load will be reduced to 22 periods per week).

Salary: Scale 1 (Burnham).

Applications will be considered from suitably qualified teachers but a mid-day qualified candidate has priority.

Forms of application from the Headmaster.

PHYSICAL EDUCATION

Posts of Responsibility

OLIVER GOLDSMITH SCHOOL, TUFFNELL PARK, N.7. Tel.: 01-607 6158.

Required in September:

A teacher of Girls' Physical Education (Scale 1).

Applicants are invited to visit the school. Application forms from the Headmistress.

HAMPSTEAD SCHOOL, Sandmart Road, Kentish Town, N.W.3. Tel.: 01-435 7324. Roll: 1,000 (11 to 18 years; Comprehensive.

Required in September:

A well-qualified teacher (Scale 2) to share in the work of a lively department which has an excellent record in games, interested teachers are invited to telephone the school to arrange an appointment to see the Headmaster.

Application forms are available from the Headmaster at the School.

SCIENCE

Heads of Department

STOCKWELL MANOR SCHOOL, Stadium Road, London, SW9 0AL. Tel.: 01-235 6336-7/8.

Required for September or as soon as possible:

A qualified and experienced Head of Science (Scale 3) to lead a lively and enterprising department. The successful candidate should have experience in leading the full range of ability from remedial to A level and be prepared to teach general science in the Lower School. There is an overall head of the Science Department and Heads of Department of the three sciences. The Science Department has 10 laboratories and the Head of Laboratory Technician Science is taught in mixed ability classes up to the fourth year. There is a junior club, senior club and after school technical recreation and a lively tradition of participation in the local community. Collaboration with an adjacent college of technical studies offers the possibility of an attachment for a student teacher.

Applicants are invited to visit the school by appointment.

Application forms and further details are available from the Headmaster.

TECHNICAL STUDIES

Head of Department

ACLAND BURGHLEY (S.M.) SCHOOL, Burghley Road, NW5 1UG. Tel.: 01-267 4086.

Required for September or as soon as possible:

A Teacher with appropriate experience in the Remedial Department. The department is a lively and enterprising department which raises far beyond its small groups of children with educational problems, provides a reading workshop to help students in difficulty with reading, has a lively English department by building upon the work of primary schools, and has a Remedial Department which is well equipped and staffed. Please note that the post is available for a suitable candidate.

LORDS HOLM (S.D.) SCHOOL, Hornchurch Road, Tooting, SW17 7JE. Tel.: 01-672 8363.

Roll: 1,000. Comprehensive.

Headmaster: David Potter, B.Sc., J.P.

Required from September:

A Remedial Teacher (Scale 1). The main emphasis will be on Remedial Reading with small withdrawal classes. Interested teachers are invited to telephone the school to arrange an appointment to see the Headmaster.

Application forms are available from the Headmaster at the School.

OTHER POSTS

Scale 1 Posts

HIGHGATE HIGH SCHOOL, SOUTHWOOD LAWN ROAD, Highgate Hill, N.6. Tel.: 01-340 2211.

Headmistress: Miss Jean Pickard.

Required for September:

Two teachers, one to teach Mathematics and Physics, both girls, 11 to 18 years.

Commencing salary: Scale 1 (Burnham).

Applications should be made to the Headmistress.

JOHN GRIFFITHS R.C. BOYS' SCHOOL, Princes Way, SW19 6QE. Tel.: 01-946 8132.

Roll: 720 boys. Purpose-built comprehensive accepting a pleasant site with established courses to G.C.E. 'O' and 'A' level. Sports include sailing and canoeing. Discipline is good and visits are welcomed by appointment (London allowance paid).

Required for September or as soon as possible:

Teacher of Mathematics to assist mainly with Lower School work.

Scale 1 for appointment. Forms from the Headmaster.

ROLLING PARK SCHOOL, Artillery Place, Campden Hill Road, London, W8 7AL. Tel.: 01-727 5072.

Roll 1,200 boys and girls, 11 to 18 years. Comprehensive.

Headmaster: Dr. C. G. Bushnell.

Required for September:

Part-time German teaching for 1½ periods.

Further information and application forms available from the Headmaster.

MUSIC

Head of Department

ACLAND BURGHLEY (S.M.) SCHOOL, Burghley Road, NW5 1UG. Tel.: 01-267 4086.

Required for September or as soon as possible:

A qualified and experienced Head of Music (Scale 3) to lead a lively and enterprising department. The successful candidate should have experience in leading the full range of ability from remedial to A level and be prepared to teach general science in the Lower School. There is an overall head of the Science Department and Heads of Department of the three sciences. The Music Department has 10 laboratories and the Head of Laboratory Technician Science is taught in mixed ability classes up to the fourth year. There is a junior club, senior club and after school technical recreation and a lively tradition of participation in the local community. Collaboration with an adjacent college of technical studies offers the possibility of an attachment for a student teacher.

Applicants are invited to visit the school by appointment.

Application forms and further details are available from the Headmaster.

RELIGIOUS EDUCATION

Scale 1 Posts

HILLSIDE (S.D.) SCHOOL, Hillside, Upper Tooting Park, London, S.W.17. Tel.: 01-672 1181. Roll: 1,000 (11 to 18 years. Comprehensive.

Required for September or as soon as possible:

A Teacher of Religious Education to share in the teaching of R.E. in a lively department. Interest in "Table" or experience of audio visual methods desirable. Social Priority Allowance payable.

Further details and application forms from the Headmistress of the school.

JOHN GRIFFITHS R.C. BOYS' SCHOOL, Princes Way, SW19 6QE. Tel.: 01-946 8132.

Roll: 720 boys. Purpose-built comprehensive accepting a pleasant site with established courses to G.C.E. 'O' and 'A' level. Sports include sailing and canoeing. Discipline is good and visits are welcomed by appointment (London allowance paid).

Required for September or as soon as possible:

Teacher of Religious Education to assist mainly with Lower School work.

Scale 1 for appointment. Forms from the Headmaster.

PRIMARY SCHOOLS

Posts of Responsibility

LORDS HOLM (S.D.) SCHOOL, Hornchurch Road, Tooting, S.W.17. Tel.: 01-672 1181.

Required for September:

A teacher of Infants (Scale 1) to share in the work of a lively department. Social Priority Allowance payable.

Further details and application forms from the Headmistress of the school.

ROLLING PARK INFANTS' SCHOOL, Artillery Place, Campden Hill Road, London, W8 7AL. Tel.: 01-727 5072.

Required in September:

Teacher of Infants (Scale 1).

Further information and application forms available from the Headmaster.

JOHN GRIFFITHS R.C. BOYS' SCHOOL, Princes Way, SW19 6QE. Tel.: 01-946 8132.

Roll: 720 boys. Purpose-built comprehensive accepting a pleasant site with established courses to G.C.E. 'O' and 'A' level. Sports include sailing and canoeing. Discipline is good and visits are welcomed by appointment (London allowance paid).

Required for September or as soon as possible:

Teacher of Infants to assist mainly with Lower School work.

Scale 1 for appointment. Forms from the Headmaster.

ST. JOSEPH'S R.C. PRIMARY SCHOOL, Lower Road, Deptford, S.E.8. Tel.: 01-692 2094.

Required for September:

A teacher to share responsibility for the Infants Department. Social Priority Allowance payable.

Further details and application forms from the Headmaster.

GEORGE FLOAT JUNIOR SCHOOL, Kinfauns Road, Holloway, N.7. Tel.: 01-272 6870.

Roll: Group B, Mixed 7 to 11.

Required for September, 1977, Scale 2 post for experienced teacher to take charge of Boy's Games and School Journey. Date 12 July, 1977. The school is situated in one of London's most cosmopolitan areas and has a very high proportion of immigrant children. Please telephone or write to the Headmaster.

ST. PETER'S (M.) SCHOOL, Westbridge Street, Hammersmith, W.6. Tel.: 01-748 2451.

Required in September or as soon as possible:

A teacher to take charge of Games. Responsibility for organising games and sports. Applicants should be prepared to take an active part in the life of the school. Modern Buildings. Visits welcomed.

Scale 1 Posts

LONGSTONE (J.M.) SCHOOL, Longstone Avenue, N.W.10.

Applications are invited for the post of Deputy Head Teacher. The successful candidate will be responsible for the organisation and administration of the school in the absence of the Headteacher. Applicants should be experienced teachers with a good record in teaching, preferably in a multi-racial school. Applicants should be able to demonstrate a sound knowledge of the principles of primary education and be able to work with children and their parents in a multi-racial community. Applicants should be able to demonstrate a sound knowledge of the principles of primary education and be able to work with children and their parents in a multi-racial community. Applicants should be able to demonstrate a sound knowledge of the principles of primary education and be able to work with children and their parents in a multi-racial community.

Salary: Scale 1 (Burnham).

Applications will be considered from suitably qualified teachers but a mid-day qualified candidate has priority.

Forms of application from the Headmaster.

Scale 1 Posts

JOHN GRIFFITHS R.C. BOYS' SCHOOL, Princes Way, SW19 6QE. Tel.: 01-946 8132.

Roll: 720 boys, purpose-built comprehensive accepting a pleasant site with established courses to G.C.E. 'O' and 'A' level. Sports include sailing and canoeing. Discipline is good and visits are welcomed by appointment (London allowance paid).

Required for September or as soon as possible:

Teacher of Mathematics to assist mainly with Lower School work.

Scale 1 for appointment. Forms from the Headmaster.

Scale 1 Posts

ST. GEORGE'S (R.C.) SCHOOL, Lower Road, Rotherhithe, S.E.16. Tel.: 01-237 4080.

Roll: 920 boys, 11 to 18 years. Comprehensive. Headmaster: Mr. J. Harvey.

Required for September:

Mathematics Teacher: an interest in G.M.P. teaching essential. Disclaimers in the post will be good and preliminary visits by applicants are welcome. Forms of application from the Headmaster at the School.

WANDSWORTH SCHOOL, Buttermere Drive, Southfields, Wandsworth, S.W.18. Tel.: 01-788 4283.

Roll: 1,050 boys, 11 to 18 years; comprehensive.

Headmaster: Mr. J. Hardy.

Southfields station London Transport District line only two minutes' walk from school.

Required in September, 1977 or as soon as possible thereafter:

A Mathematics Teacher to teach classes up to G.C.E. 'O' level. Knowledge of Mathematics and Computer Science can be offered. Very active and two maths laboratories. Disclaimers deployed. Short-listed candidates will be invited to visit the school prior to interview. The post would offer extremely good experience in a well-organised department in a London center. Further details and application forms from the Headmaster.

SECONDARY
Technical Studies
continued

ESSEX

THE DEANES SCHOOL, Thundersley, Essex. Tel.: 02945 2311. Mixed Health Group. Resident 357 pupils. TECHNICAL STUDIES. Required for September, 1977, a specialist to teach pupils at all courses available. Well equipped workshop block (£1 million). Post part-time allowance payable.

TEACHER of METALWORK required September (Scale 1) to join a lively seven-teacher design and technology team working in a very well equipped centre. Courses in C.S.E., 'O' level and 'A' level.

Applications with full curriculum vitae and details of two referees should be sent to the Headmaster.

HERTFORDSHIRE COUNTY COUNCIL

EAST HERTS DIVISION

ST. MARY'S HIGH SCHOOL (Church of England), Hertford. Tel.: 0992 [illegible]

Required for September, 1977:

TECHNICAL STUDIES SPECIALIST to teach pupils at all courses available. Well equipped workshop block (£1 million). Post part-time. Allowance payable.

TEACHER of METALWORK required September (Scale 1) to join a lively seven-teacher design and technology team working in a very well equipped centre. Courses in C.S.E., 'O' level and 'A' level.

Applications with full curriculum vitae and details of two referees should be sent to the Headmaster.

HERTFORDSHIRE COUNTY COUNCIL

ST. ALBANS DIVISION

VERULAM SCHOOL, Brampton Road, St. Albans.

TEACHER (Scale 1) required September for TECHNICAL STUDIES with responsibility for ARTS AND CRAFTS. Suitable for first appointment. Department expanding into field of "Technology". Centre of pleasant school activity developing as five-form entry all-ability boys' school. Flats allowance.

Letter of application to Head giving full curriculum vitae and naming two referees.

HERTFORDSHIRE COUNTY COUNCIL

EAST HERTS DIVISION

ROBERT HALE SCHOOL, Bishop's Stortford, Herts. 1600 on roll.

TEACHER of ART: CRAFTS or TECHNICAL DRAWING required September. Applicants must state preference. Department consists of two specialists. Teaching to GCE level and CSE. Good facilities with strong emphasis on pottery. Lively and stimulating environment. Excellent field for enterprising teacher who will be able to use the wide rural surroundings and

HERTFORDSHIRE COUNTY COUNCIL

STEVENAGE DIVISION (Group 10)

BEDWELL SCHOOL, Tolpits Lane, Stevenage. 1700 on roll.

TEACHER required September, 1977, for TECHNICAL STUDIES at this five-form entry all-ability school. Excellent facilities. Teaching to 'O' level standard.

Apply by letter enclosing curriculum vitae and names of two referees, to the Headmaster, enclosing stamped envelope, please. Further details on request.

Removal expenses may be paid.

NURSERY EDUCATION

Headship

See separate Headship Display for New Appointments

SPECIAL EDUCATION

BOARDING SCHOOLS

CHURCHBURY SCHOOL, Hillside, Bushey Heath, Herts. Tel.: 01-950 [illegible]

Required for September:

A teacher to fill normal Common Room duties and to assist with games. Applicants should be prepared to take an active part in the life of the school. Modern Buildings. Visits welcomed.

Salary: Scale 1 (Burnham) plus allowance of £1,195 per annum.

Forms of application from the Headmaster.

ST. PETER'S (M.) SCHOOL, Westbridge Street, Hammersmith, W.6. Tel.: 01-748 2451.

Required in September or as soon as possible:

A teacher to take charge of Games. Responsibility for organising games and sports. Applicants should be prepared to take an active part in the life of the school. Modern Buildings. Visits welcomed.

DAY SCHOOLS

[illegible] SCHOOL, Hammersmith, London W12 9LB.

Required for January:

A teacher of the age group concerned. Applicants should be able to teach two subjects and be able to take a full share of the life of the school. Salary Scale 1 (Burnham). Forms of application from the Headmaster.

[illegible] SCHOOL, Kensington, London W8 5EB.

Required for September:

A teacher with experience of the young and a willingness to take an active part in the life of the school. Salary Scale 1 (Burnham). Forms of application from the Headmistress.

[illegible] SCHOOL, Kensington, London W8 5EB.

Required for September:

A teacher with experience of the young and a willingness to take an active part in the life of the school. Salary Scale 1 (Burnham). Forms of application from the Headmistress.

OTHER APPOINTMENTS

[illegible] Street, London NW1

[illegible] Street, London NW1

[illegible] CENTRE, [illegible] Road, London SE3 7LX. Tel.: 01-858 [illegible]

Required for September 1977:

Assistant Warden (Scale 1) to assist the Warden in the day to day administration of the Centre. Duties include [illegible] and supervision of the Hostel and Dining Room and other duties as required by the Warden. Applicants should be able to work with people of all ages and be able to work with people of all ages. Accommodation in the Hostel may be available. Salary: Scale 1 (Burnham).

Applicants should

Lancashire County Council

CLOSING DATE 4th JULY, 1977

Primary and Special Schools

For application form send stamped addressed foolscap envelope to Chief Education Officer, P.O. Box 61, County Hall, Preston, PR1 8RJ, unless otherwise stated.

Secondary Schools

Forms/further details from and returnable to the Head Teacher at the School. S.A.E. please.

SPECIAL SCHOOLS

SINGLETON HALL RESIDENTIAL SPECIAL SCHOOL (Physically Handicapped)
September, 1977, if possible.
GENERAL SUBJECTS, with ART, CRAFT and POTTERY to 'O' level.
Residential and sleeping-in duties essential.
Scale 1 plus Special Schools' extraneous and sleeping-in allowances.

HEADS OF DEPARTMENTS

SECONDARY SCHOOLS

NORTHLANDS HIGH SCHOOL (11-16 Comp) (520 Mixed) Group 9 Moor Park Avenue, Moor Park, Preston
January, 1978.
MODERN LANGUAGES.
Scale 3.

UP HOLLAND COUNTY HIGH SCHOOL (910 Mixed), Sandbrook Road, Orrell, Wigan, WN5 7AL
1st September, 1977.
MUSIC.
2 (SCALE 3 for a more experienced teacher).

SCALE 1 POSTS

THE DUKE'S PLAYHOUSE, Lancaster
1st September, 1977.
Theatre-in-Education Team.
ACTOR/TEACHER.

GARSTANG HIGH (650). Garstang Road, Bowgreave, Garstang, Preston
September, 1977.
SCIENCE/PHYSICS.

FLEETWOOD LARKHOLME COUNTY HIGH (920), Broadway, Fleetwood, FY7 8HE
September, 1977.
Graduate TEACHER of GEOGRAPHY.
ART/DOM. SCIENCE/NEEDLEWORK.

FLEETWOOD GRAMMAR/BAILEY HIGH (Amalgamated) (1,000—200 in 6th Form), Poulton Road, Fleetwood
September, 1977.
GERMAN.

BLACKPOOL ST. MARY'S R.C. HIGH SCHOOL (1,100 Mixed, 11-16, to become Comprehensive in September), St. Walburga's Road, Blackpool
September, 1977.
(1) CHEMISTRY GRADUATE.
(2) R.E. SPECIALIST.
Application form and details from the Headmistress, Layton Hill Convent, Blackpool, FY3 7EQ.

ALL SAINTS R.C. HIGH SCHOOL (Newly Amalgamated) (No. on Roll . 1,120 Mixed), Garstang Road West, Blackpool
September.
(1) GERMAN.
(2) MUSIC.

BLACKPOOL, ST. GEORGE'S HIGH (960 Mixed), Cherry Tree Road, Blackpool
September, 1977.
MATHEMATICS (with some Junior Science).

BLACKPOOL COLLEGIATE HIGH SCHOOL (1,650 Mixed), Blackpool Old Road, Blackpool
1st September, 1977.
(1) BIOLOGY up to and including Sixth Form work. Interest in Horticulture and/or Environmental Science desirable.
(2) FRENCH (Graduate) up to "O" level at least. Subsidiary subject desirable.

BLACKPOOL TYLDESLEY HIGH SCHOOL (1,058 Mixed), Beech Avenue, Blackpool
1st September, 1977.
ENGLISH.

LYTHAM ST. BEDE'S R.C. HIGH SCHOOL (450 Mixed: 11-16) Forms from and returnable to The District Education Officer, 43 Woodlands Road, Ansdell, Lytham St. Annes.
1st September, 1977.
(1) MATHS.
(2) MATHS/SCIENCE.

KIRKHAM CARR HILL HIGH SCHOOL (1,170 Mixed; 11-16), Royal Avenue, Kirkham
1st September, 1977.
HOME ECONOMICS.

FULWOOD COUNTY HIGH SCHOOL (1,200 Mixed) (11-16 Comp.), Black Bull Lane, Fulwood, Preston
September, 1977.
GEOGRAPHY, GAMES/REMEDIAL an advantage.
TARLETON HIGH SCHOOL (685 Mixed; 11-16 Comprehensive), Hesketh Lane, Tarleton
1st September, 1977.
(1) METALWORK.
(2) FRENCH main, GERMAN subsidiary.

SKELMERSDALE AND HOLLAND TAWD VALE HIGH (Opened 1976) (750), Glenburn Road, Skelmersdale
1st September, 1977.
(1) WOODCRAFTS.
(2) BOYS' P.E.
(3) HOME ECONOMICS.
(4) GIRLS' P.E.
(5) MATHEMATICS.
Scale I or II.

CROSTON, THE BISHOP RAWSTORNE C.E. HIGH SCHOOL (600 Mixed) (11-16 Years), Out Lane, Croston, Preston, PR5 7HJ
September, 1977.
CHEMISTRY to "O" and C.S.E. Level, with BIOLOGY and NUFFIELD COMBINED SCIENCE—GAMES an advantage.

BLACKBURN, ST. EDMUND ARROWSMITH R.C. HIGH SCHOOL (934 Mixed), Livesey Branch Road
September, 1977.
SCIENCE (First Year team).

BLACKBURN, JOHN RIGBY R.C. HIGH SCHOOL, North Road
September, 1977.
ENGLISH, with some Drama.

BLACKBURN, EVERTON HIGH SCHOOL (1,008 Mixed), Manxman Road, Blackburn
September, 1977.
(1) MUSIC.
1 or 2 depending on qualifications and experience.
(2) MATHEMATICS.

ACCRINGTON MOORHEAD HIGH (1,000 Mixed; 11-16), Cromwell Avenue, Accrington BB5 5AF
September, 1977.
MATHEMATICS—Modern Mathematics to 'O' level.

BURNLEY WALSHAW HIGH SCHOOL (Roll 620 circa; 11-16 years), Eastern Avenue
As soon as possible.
HUMAN BIOLOGY to C.S.E. level and Nuffield Combined Science.

WEST CRAVEN HIGH SCHOOL (868 Mixed), Kelbrook Road, Barnoldswick, Colne
Autumn Term, 1977.
RELIGIOUS EDUCATION & CLASSICAL STUDIES/LATIN.
WEST BANK HIGH SCHOOL (No. 107), Tawd Valley Park, Skelmersdale
1st September, 1977.
MATHEMATICS.

SECONDARY
Technical Studies
continued

HERTFORDSHIRE
GRANGE PARK SCHOOL
London Road, Bushey
Six-form entry all ability boys' school with excellent site and facilities.
Required September, TEACHER for TECHNICAL STUDIES (Scale 1 plus London fringe allowance). The Department has accommodation and facilities for a wide range of crafts and candidates should indicate their particular interests. Further details available from Headmaster, to whom letters of application should be sent together with names and addresses of referees.

HILLINGDON
(London Borough of)
RAINSHILL SCHOOL
Harmill Lane, Hayes UB3 2HO
(number on roll 1,008; 80 in Sixth Form)
Headmaster: J. M. Jelford, B.Sc.
Required for September, 1977, TECHNICAL STUDIES TEACHER (Scale 1). Applications would be particularly welcome from candidates with an interest in technical drawing.
Application forms from and returnable to the Head Teacher.
London Allowance payable.

HOUNSLOW
(London Borough of)
EDUCATION COMMITTEE
EDUCATION DEPARTMENT
The Civic Centre, Lampton Road, Hounslow, TW3 4DN
LONGFORD SCHOOL
Tachbrook Road, Feltham, TW14 9PE
Headmaster:
Mr. R. C. E. Whiddett, J.P.
Required September, 1977 (Scale 1):
A TEACHER of all TECHNICAL SUBJECTS to join a well-established team of six craft teachers.
The post would prove to be extremely interesting to a well-qualified person wishing to work with excellent facilities in a variety of subjects which include Wood, Metal, Plastics, T.D., Electronics, etc.
The department caters for pupils of all abilities with courses that lead to C.S.E. in Wood, Metal and T.D., and "O" and "A" levels in T.D. and Design and Technology.
First appointments will be considered.
London Allowance £297 payable.
Longford School is a fully-developed co-educational eight-form entry comprehensive (11 plus to 16 plus age range 1,400 plus on roll) based on a School Counselling, House-Tutorial organisation.
If you are seeking your first appointment, please state, so that the appropriate form may be sent.
Closing date: Friday, 30th June, 1977.
The Education Committee has power to consider applications from experienced teachers for assistance towards removal, disturbance or separation expenses.
Letters of application in the first instance to the Head Teacher at the School, giving details of qualifications and names of two referees. Stamped addressed envelope, please.

HUMBERSIDE
COUNTY COUNCIL
EDUCATION DEPARTMENT
KINGSTON UPON HULL DIVISION
GREATFIELD HIGH SCHOOL
Homewell Avenue, Kingston upon Hull
Head: Mr. B. Dickinson, B.A., M.Ed.
Required for September, 1977, a TEACHER of TECHNICAL DRAWING mainly. Technical Drawing is taught to all levels of ability and pupils are entered for C.S.E., "O" and "A" levels. The person appointed will be expected to share in the work of the department at all these levels. Applications will be welcome from teachers seeking their first appointment.
This is a mixed comprehensive school with 1,120 pupils aged 11 to 18 years.
Application forms, available from the Head, should be returned by June 4.

HUMBERSIDE
EDUCATION COMMITTEE
SCUNTHORPE DIVISION
GOOLE GRAMMAR SCHOOL
Boothferry Road, Goole
Headmaster: P. L. Toyd
(Number on roll 1,340)
Applications are invited for a post in this 12-form entry upper school to teach courses in TECHNICAL STUDIES and BASIC HANDICRAFTS (wood, metal, and modern materials). The school is well equipped and has a sound tradition of Technical and Engineering courses. Scale 1.
Application forms may be obtained from the Headmaster and should be returned by 11th July, 1977.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
DARTFORD GRAMMAR SCHOOL
(Founded 1576; 605 boys)
Required for September, either a part-time TEACHER of DESIGN/TECHNOLOGY (Woodwork and Metalwork) for one term or a full-time TEACHER of DESIGN/TECHNOLOGY and ART for one term. The work in Art covers all age ranges, while that in Design/Technology is for the first three years. (London Fringe Allowance.)
The school has good access to London and the Kent coast by motorway.
Applications by letter, with a summary of qualifications and the names of two educational referees, to the Headmaster, Dartford Grammar School, West Hill, Dartford, Kent DA1 2HW.
DOVER GRAMMAR SCHOOL FOR BOYS
Astor Avenue, Dover, Kent CT17 0DQ
Number on roll, 770
Required for September, 1977, a TEACHER to join a team of four in the TECHNICAL STUDIES DEPARTMENT.
The person appointed would teach mainly Technical Drawing to C.S.E., Ordinary and Advanced levels together with Woodwork or Metalwork in the Lower School.
A willingness to join in the well-established after-school programme of activities would be especially welcome.
A newly qualified teacher would be considered on Scale 1.
Applications, as soon as possible, to the Headmaster at the school giving full personal details and the names of two referees.
SPRINGHEAD SCHOOL
Cotton Road, Northfleet, Gravesend
Kent DA11 9BQ
(within easy reach of London and the Kent coast and countryside)
An Upper School providing a wide range of courses to C.S.E. "O" and "A" level examinations for boys of academic ability entering at 13 plus from high school. Roll 450, Sixth Form 100.
Required in September, a TEACHER trained in DESIGN and TECHNOLOGY capable of teaching Engineering, Engineering Drawing and related subjects. Ability to assist with games will be an added qualification.
Apply immediately by letter to the Headmaster giving full details of qualifications and experience and quoting the names and addresses of two referees. All applications will be acknowledged and interviews will be arranged without delay.

GRAVESHAM DIVISION
SOUTHFIELDS SCHOOL
Singlewell Road, Gravesend
(Roll 1,300 Mixed)
This is a high school, age range 11-16, in the Thames-side Scheme for secondary organisation, with a comprehensive intake into its Lower School and courses leading to C.S.E. and G.C.E. examinations into its Main School.
Required for September, 1977: TEACHER of TECHNICAL SUBJECTS, Scale 1, to teach in the Design Faculty. The successful applicant would be expected to teach mainly Metalwork, with some Woodwork and Technical Drawing. The faculty is supplied with modern equipment and specialised accommodation. Applications will be welcomed from new entrants to the profession as well as from established teachers.
Assistance with removal and resettlement expenses in approved cases.
Apply immediately (no forms) to the Headmaster giving full details and the names and addresses of professional referees.

MEDWAY DIVISION
ROCHESTER, TEMPLE SECONDARY SCHOOL FOR BOYS
Brompton Farm Road, Frindsbury
(Roll: 720)
Wanted for September, a TEACHER of CRAFT SUBJECTS to teach Woodwork, Metalwork, Plastics, Technical Drawing or a combination of any of these. This is a Scale 1 post in a lively department with teaching to C.S.E. and G.C.E. "O" level.
A young teacher of initiative is looked for and applications should be made to the Headmaster by letter as soon as possible. Please give details of qualifications and the names of two referees.

GILLINGHAM DIVISION
UPBURY MANOR SECONDARY SCHOOL
(Roll 1,700)
Applications are invited for the post of ASSISTANT TEACHER of WOOD and METALWORK, Scale 1.
Application form available from Mrs. A. D. Lannie, B.A., Headmistress, Upbury Manor Secondary School, Marlborough Road, Gillingham, Kent.

MAIDSTONE DIVISION
THE ASTOR OF HEVER SCHOOL
Oakwood Road, Maidstone
(860 Mixed)
High School with comprehensive Lower School. New buildings with good facilities, G.C.E. "O" level, internal examinations and C.S.E. courses.
Required, TEACHER in the TECHNICAL SUBJECTS DEPARTMENT, mainly Metalwork but versatility looked for. Could suit a beginner, but for an experienced teacher able to undertake additional or other responsibilities, a Scale 2 post a possibility.
Application, giving curriculum vitae and the names of two referees, to the Headmaster from whom further details are available on receipt of stamped addressed envelope.
THE MAPLESDEN NOAKES SCHOOL
Great Buckland, Maidstone
This six form entry all ability mixed school opened in 1974 and will eventually grow to about 1,000 pupils of 11 to 16. Some pupils transfer in 13 to 18 schools; C.S.E. and "O" level courses are developing for those remaining.
Because of increased numbers, TEACHER of TECHNICAL CRAFT, with special interest in Woodwork, required for September. Scale 1 post suitable for probationer. This is a post for a real enthusiast in an exciting and developing department.
Apply immediately by letter, including curriculum vitae and naming two professional referees to Headmistress, Miss D. A. Tillelman.
SENACRE/WADDES SCHOOL
Senacre
(700 mixed)
Rural setting, new buildings.
TEACHER of WOOD/METALWORK and TECHNICAL DRAWING, C.S.E. and G.C.E. "O" level courses running. Possibility of Scale 2 post for a suitably qualified and experienced candidate. Apply to Headmaster, naming two referees.
VINTERS BOYS SCHOOL
Hermitage Lane, Maidstone
(840 on roll comprehensive intake)
Required September 1977 TEACHER of TECHNICAL STUDIES particularly Metalwork and Technical Drawing to C.S.E. "O" level standard in this new school delightfully set in 40 acres of woodland and playing field. A Graduate Teacher preferred but all applications considered.
Letter of application naming two referees to the Headmaster.

KIRKLEES
METROPOLITAN COUNCIL
HONLEY HIGH SCHOOL
Station Road, Honley, Huddersfield HD7 2QJ
(1,300 pupils, 11-18, over 200 in Sixth Form)
Required for September, 1977, TEACHER for CRAFT and DESIGN (Woodwork/Metalwork) (Scale 1) throughout the school. New Craft Block.
Please apply by letter to the Headmaster of the school giving names of two referees.

LEICESTERSHIRE
SPENCEFIELD SCHOOL
Downing Drive, Leicester
(Comprehensive 11 to 16 Roll 708)
WOODWORK/METALWORK/TECHNICAL DRAWING
Scale 1
Further details from the Head. Apply immediately for forms, with full particulars and the names and addresses of two referees (stamped addressed envelope).

LONDON
BACON'S C.E. COMPREHENSIVE SCHOOL
Dalwood Road, London, S.E.10
DESIGN AND TECHNOLOGY
Required for September:
A TEACHER in the Design Technology Department for METALWORK and TECHNICAL DRAWING for this six-form entry mixed comprehensive school. It is a very lively department which produces excellent results from both boys and girls in the public examinations. The school insists on and achieves a high standard of appearance, dress and discipline which staff are expected to support.
Apply by letter in the first instance, giving details and names of two referees to the Headmaster at the school.

NORFOLK
COUNTY COUNCIL
EDUCATION DEPARTMENT
SHERINGHAM SECONDARY SCHOOL
(Roll 510)
Sheringham, Norfolk
September, 1977, Scale 1, TEACHER for DESIGN and TECHNICAL STUDIES. Ability to teach Technical Drawing to "O" level an advantage. Excellent facilities.
Application forms and further details may only be obtained by sending a stamped addressed foolscap envelope to the Head at the school.

Metropolitan Borough of Rochdale

EDUCATION DEPARTMENT

Closing date for all posts 4th July, 1977.

PRIMARY AND SPECIAL

For application forms, send self-addressed stamped envelope to the Chief Education Officer, Education Department, Municipal Buildings, Manchester Old Rd., Middleton, M24 4EA. Unless otherwise stated, completed forms to be returned to the Head of the School.

MIDDLE, SECONDARY AND HIGH

Forms and further details from and returnable to the Head Teacher at the School. Stamped self-addressed envelope, please.

SPECIAL

High Birch Special (E.S.N.) (all age)
Birch Rd., Rochdale OL11 4RA. Tel. Rochdale 31752.

SPECIAL

A teacher is required for the age group 11-14 with a keen interest in the problems of slow learning and multi-handicapped children. The person appointed should be able to work as a member of an established team and be able to contribute in the areas of language, reading and numeracy remediation. The appointment includes responsibility for the school library. An interest in Outdoor Pursuits would be an advantage. Experience in special education is preferable but applications from keen primary or middle school teachers are not precluded. The appointment will be at Scale 2 (S).

PRIMARY

Moorclose Nursery (3-5)
Aspinall St., Middleton, M24 2BE. Tel. 061-643 4002.
Suitably qualified
NURSERY TEACHER, Scale 1

SECONDARY AND HIGH

Durnford High (11-14)
Rectory St., Middleton, M24 3TS. Tel. 061-643 3945

METALWORK, Scale 1

Applicants seeking first teaching post would be welcome.

Please apply by letter, immediately, to the Head of the school, stating age, qualifications and experience, together with the names and addresses of two referees.

Langley High (11-14)
Windermere Road, Langley, Middleton, M24 4LA.
Tel. 061-643 6520.
Temporary teacher of

FRENCH, Scale 1

One term appointment in the first instance.

Sutherland High (11-16)
Sutherland Rd., Darnhill, Heywood, OL10 3PL.
Tel. Heywood 80488.

SCIENCE, Scale 1

Ability to teach Biology an advantage.
This appointment will be for two terms in the first instance.

Queen Elizabeth High (14-18)
Boardman Fold Rd., Middleton, M24 1PR.
Tel. 061-643 2643.

HEAD OF CHEMISTRY, Scale 3

Graduate to take charge of the subject.

Applicants should be able to offer one of the other Sciences and Mathematics and be prepared to take part in a technology programme for less academic pupils. (Scale 4 Head of Science allowance may be available to suitable applicant.)

SECOND IN BIOLOGY, Scale 2

Applicant should be able to offer one of the other Sciences and Mathematics and be prepared to take part in a technology programme for less academic pupils.

St. Joseph's R.C. Secondary (11-16)
Pot Hall, Heywood, OL10 2AA. Tel. Heywood 60807.

DOMESTIC SCIENCE, Scale 1

To take the subject throughout the school. For this post, application should be by letter, immediately, to the Head of the school, giving details of age, qualifications and experience, together with the names and addresses of two referees.

Cardinal Langley R.C. (Boys) Grammar (11-18)
Rochdale Road, Middleton, M24 2GL. Tel. 061-643 4009.

HISTORY, Scale 1

Graduate to assist in teaching of History.

Somerset

Applications are invited from suitably qualified and experienced teachers for the following posts. Unless otherwise stated:

(a) Duties to commence September, 1977.

(b) Application forms and details (S.A.E. foolscap) from the Heads of the schools.

Please quote reference 24/6 on correspondence.

SECONDARY

Frome College, Frome (13-18 mixed comprehensive, 1,300, 157 in Sixth, and F.E. College combined, on separate sites).
Teacher of Mathematics, Scale 3 for suitable applicant. The post offers the opportunity to teach S.M.P. Mathematics in a strong and progressive department, pupils of all ages and ability, and up to "A" level.

Teacher of Physics, Scale 1. The post offers the opportunity to teach up to "A" level and at all levels of ability. An interest in the technological aspects of the work will be a recommendation.

Applications by letter in the first instance to the Principal, as soon as possible, with full details and names of two referees. (S.A.E. for details, application form and final result.)

West Monkton Priory Secondary School, Taunton (11-16 mixed, 865. Comprehensive reorganisation planned for 1979).
For September, 1977, teacher of Domestic Science, Scale 1. Up to C.S.E. and "O" level. A Scale 2 post is available for a suitable candidate.

PRIMARY

Burnham-on-Sea, St. Andrew's C.E. V.C. Junior School. For January, 1978, DEPUTY HEAD, Group 5. Music an advantage.

Wells Central C.E. V.C. Junior School (216). For September, 1977, teacher of General Subjects, Scale 1. Pianist essential.

Wembdon, St. George's V.C. Junior School (170). For September, 1977, Teacher, Scale 1, required for this modern semi-open plan school. Must be prepared to teach in a co-operative teaching arrangement with other members of staff. Applicants should be able to offer art and craft and/or games and music.

CYNGOR SIR GWYNEDD COUNTY COUNCIL

YSGOL Y BERWYN BALA
(Cyfun 11-18; 800 o ddisgyblion)
(1) Yn eisiau ar gyfer Ionawr 1978, neu yn gynt os yn bosibl,

PENNAETH YR ADRAN FFISEG

Graddfa 3.

(2) Yn eisiau ar gyfer Mis Medi 1977. Athro/Athrawes dros-dro i ddysgu

FFISEG

Rhoddir cyfle i ddysgu'r chweched dosbarth i ymgeisydd addas. Graddfa 1.

Ffurflenni cais am y swyddi uchod oddi wrth y Swyddog Addysg Rhanbarthol, Penarlag, Dolgellau. Dyddiad cau Gorffennaf 6.

YSGOL Y BERWYN BALA
(Comprehensive 11-18; 800 pupils)
(1) Required for January, 1978, or earlier if possible,

HEAD OF THE PHYSICS DEPARTMENT

Scale 3.

(2) Required for September, 1977, temporary teacher to take

PHYSICS

Sixth-Form work for suitable candidate. Scale 1.
Application forms from Area Education Officer, Penarlag, Dolgellau. Closing date—July 6.

YSGOL UCHAF FRIARS BANGOR
(Cyfun 14-18; 750 o ddisgyblion)
Yn eisiau ar gyfer Medi 1977, i ymuno â thîm o athrawon sy'n dysgu trwy gyfrwng dull rhyngddisgyblaethol, Athro/Athrawes gyda chefndir da ym maes

BIOLEG—GWYDDOR YR AMGYLCHEDD—ASTUDIAETHAU GWLEDIG

Dylid rhoi manylion am bynciau/gweithgareddau/diddordebau eraill a gynigir. Graddfa 1.
Ffurflenni cais oddi wrth y Swyddog Addysg Rhanbarthol, Haulfre, 8 Clement Avenue, Llandudno. Dyddiad cau Gorffennaf 8.

FRIARS UPPER SCHOOL, BANGOR
(Comprehensive 14-18; 750 pupils)
Required for September, 1977, to join an established team of teachers with an interdisciplinary approach, a teacher with a good background in the field of

BIOLOGY—ENVIRONMENTAL SCIENCE—RURAL STUDIES

Details should be given of other subjects/activities/interests offered. Scale 1.
Application forms from Area Education Officer, Haulfre, 8 Clement Avenue, Llandudno. Closing date July 8.

YSGOL JOHN BRIGHT LLANDUDNO
(Comprehensive 11-18; 1,399 pupils)
Required for January, 1978. Teacher of

FRENCH

throughout the school, including C.S.E., "O" level and "A" level classes. A Scale 2 post would be available for a suitably experienced and qualified candidate.
Application forms from Area Education Officer, Haulfre, 8 Clement Avenue, Llandudno. Closing date July 8.

TECWYN ELLIS,
Director of Education.

Bolton Metropolitan Borough

BOYS' PHYSICAL EDUCATION, Scale 1

Required from September 1, 1977. The ability to assist with Mathematics or Geography would be an advantage. RC preferred.
St. Gregory RC Secondary School, Harrowby Street, Farnworth, Bolton (coeducational, 500 pupils).

ENGLISH, Scale 1,
With History or Geography.

MATHEMATICS/SCIENCE, Scale 1

ART/DESIGN, Scale 1
Including Boys' Handicraft.

HEAD OF DEPARTMENT OF SPECIAL STUDIES, Scale 3

The department is responsible for the organization and direction of RoSLA courses in the fourth and fifth years (at present including eight CSE Mode 3 courses), and Remedial Work throughout the School. Further details available with application form.
Turton High School, Chapeltown Road, Bromley Cross, Bolton (coeducational, 1,700 pupils, 11 to 18 comprehensive).

Application forms obtainable from the Director of Education, PO Box 53, Paderborn House, Civic Centre, Bolton BL1 1JW, should be returned to the appropriate Head Teacher by July 8, 1977.

CITY OF BIRMINGHAM
Education Department

COUNTY SECONDARY SCHOOLS SCALE 2 POSTS AND ABOVE

Unless otherwise stated, for all posts in this section, initial applications (giving age, qualifications, experience and names of two referees) should be sent immediately, together with stamped addressed envelope, to Head of School.

Duddeston Manor School, Great Francis Street, B7 4QR
Scale 2 post available for suitably qualified and experienced teacher, to teach RE throughout the school.

Holyhead School (Delicate Unit), Wellville Road, B21 ODP
A qualified assistant teacher for the DEAF is required, for the special unit attached to the school to be opened in September, for children of Secondary age.
Scale 2 (plus Special Allowance) available for suitably qualified applicant. [illegible]

Small Heath School and Community Centre (formerly Bordesley Community School), Silvermere Annexe, Silvermere Road, B20 3XA
Group 11 plus S.P.A. Six Form Entry Comprehensive, 11 to 18 mixed. Number on roll: 850)
New community school due to move to purpose built premises in Muntz Street and the former Tilton Road Girls' School in September, 1977.
Required September:
(a) HEAD of MODERN LANGUAGES, Scale 3/4 according to qualifications and experience.
(b) HEAD of CRAFT, Scale 3 or 4 according to qualifications and experience. Further details and application forms from Head.

VOLUNTARY AIDED SECONDARY SCHOOLS SCALE 2 POSTS AND ABOVE

St. Philip's Sixth Form College, Hagley Road, Edgbaston B16 8UF
(R.C. Voluntary Aided, Mixed)
Required September, graduate in PHYSICS to share teaching of the subject to Advanced Level. A Scale 2 post may be available for applicant with suitable qualifications and experience.
Applications (by letter, in the first instance), including a curriculum vitae and the names and addresses of two referees, should be sent to the Principal as soon as possible.

COUNTY SECONDARY SCHOOLS SCALE 1 POSTS

Unless otherwise stated, requests for application forms for Scale 1 posts should be sent direct to Head of the School as soon as possible, together with the names of two referees and a stamped addressed envelope.

The Broadway School, The Broadway, Perry Barr, B20 3DP
Required for September, 1977.
(a) Teacher of GENERAL ART with a specialist skill in some craft. "O" and "A" level work available.
(b) Teacher of METALWORK—to teach pupils across a broad range of ability up to "O" level standard.

George Dixon School, City Road, B17 8LF
Teacher for METALWORK, TECHNICAL DRAWING, some WOODWORK. Mathematics would be an advantage.

Highgate School, Balsall Heath Road, [illegible]
(1,400 mixed, including 220 in Sixth Form)
Telephone applications in the first instance—021 446 4266.
Required for September, teachers of:
(a) BIOLOGY to "A" level, preferably with German, Nuffield, audio-visual method
(b) PHYSICS to "A" level, integrated science in first three years (modified Scottish scheme)

Moseley School, Wake Green Road, B13 9UY
Required September to teach to at least Ordinary G.C.E. level in—
(a) MODERN LANGUAGES—French, German or Spanish.
(b) ENGLISH and a MODERN LANGUAGE

Perry Common School, Faulkners Farm Drive, B23 7XP
Required September:
Assistant teacher for SCIENCE to teach Nuffield Combined Science in Lower School with some general Science in later years Chemistry or Physics.

Small Heath School and Community Centre, Silvermere Annexe, Silvermere Road, B26 3XA
Required September. Temporary one term appointments.
Four vacancies available. Applicants offering one or a combination of the following:
MATHEMATICS, FRENCH, WOODWORK, HOME ECONOMICS, MUSIC, ART

Waverley School, Hob Moor Road, Small Heath, B10 9BT
(a) Required September for one term initially: Teacher of GEOGRAPHY to assist in teaching the subject throughout the school. Work is available to G.C.E. "O" and "A" levels.
(b) Required September: Teacher to be responsible for METALWORK up to C.S.E. and G.C.E. "O" level and to assist with Technical Drawing.
There is a scheme for assistance with removal expenses.

BIRMINGHAM CITY COUNCIL

COUNTY OF SOUTH GLAMORGAN

Required for September unless otherwise stated:—

Fitzalan High School, Cardiff (11-18 comprehensive, 12-form entry)

The following temporary appointments will become vacant due to leave of absence for maternity reasons:
(a) ART: Scale 1
To teach up to and including CSE level.
(b) HISTORY: Scale I
To teach to CSE and 'O' levels and some Geography in Lower School.

Llanedeyrn High School, Cardiff (11-18 comprehensive, 9-form entry)

FRENCH: Scale 1
To teach throughout the school. Ability to offer Latin an advantage.

St Illtyd's RC Boys' College, Cardiff (11-18 comprehensive, 5-form entry)

HEAD OF MIDDLE SCHOOL:
SENIOR TEACHER Scale
Required for January, 1978, or earlier if possible. To be responsible for the academic and pastoral care of some 300 boys in the fourth and fifth years, as well as a teaching commitment including RE. Experience and expertise in dealing with boys in the less able group is essential.
ENGLISH/RELIGIOUS EDUCATION: Scale 1
To teach mainly in the Middle and Upper School. There may be an opportunity for 'A' level work later. Scale 2 post available for suitably experienced and qualified person.
Application forms may be obtained from the undersigned on receipt of a stamped addressed foolscap envelope, to whom completed forms should be returned within 10 days of the appearance of this advertisement.
F. J. Adams, Director of Education, Education Offices, Kingsway, Cardiff.

City of Manchester Education Committee

Unless otherwise stated all posts are available from September, 1977, and application forms, together with further particulars are obtainable from the Head of the school to whom they should be returned by 8th July, 1977.

SECOND MASTER/MISTRESS

DUCIE HIGH SCHOOL
Lloyd Street North, Manchester, M14 4GA
Required for September, 1977, or January, 1978, for this group XI 11-16 mixed comprehensive school. Applicants should have suitable qualifications and experience for the post which will give full opportunity for participation in the management of the school. The successful applicant will be expected to have a particular interest in community/school relationships.
Application forms should be returned as soon as possible.

SCALE 2+

LEVENSHULME HIGH SCHOOL FOR GIRLS
Crossley Road, M19 1ER
A suitably qualified and experienced TEACHER to take charge of the development of REMEDIAL WORK, initially, in Lower School.
A Scale 3 post may be available for an especially well qualified applicant.

SCALE 1+

YEW TREE HIGH SCHOOL
Sale Road, Manchester, M23 0DD
Readvertisement
For one academic year only, a teacher of TYPEWRITING office practice and some shorthand to 4th, 5th and 6th year pupils. This temporary appointment is available because of the secondment of the Head of Department for one year.
Application for full or part-time employment will be considered, salary at Scale 2 will be available for a suitable applicant.

SCALE 1

BURNAGE HIGH SCHOOL FOR BOYS
Manchester M19 1BU
1. Teacher for SLOW LEARNERS WITH PHYSICAL EDUCATION. The post involves responsibility for the progress of Slow Learners in their first year together with some Physical Education teaching in the Lower School.
2. Teacher for BIOLOGY and RURAL STUDIES. Biology is strongly established up to 'A' level whilst Rural Studies is comparatively new and so far only in Lower School.

CENTRAL HIGH SCHOOL FOR BOYS
Kirkmanshulme Lane, Manchester
Teacher for MUSIC throughout the school. It would be an advantage if candidates could offer Lower School History and/or Geography in addition.
Closing date 8 July, 1977.

PARRS WOOD HIGH SCHOOL
Wilmslow Road, East Didsbury, Manchester M20 0PQ
A well qualified teacher to teach PHYSICS and some GENERAL SCIENCE at this nine-form entry mixed comprehensive school (11-16) pleasantly situated in South Manchester, which has a sixth form of 240 pupils. The department has established courses in Physics to 'O' and 'A' level and a course based on Nuffield Combined Science is followed in the first two years. The Science department has the use of ten fully equipped laboratories and lecture theatres. The successful candidate will have the opportunity to teach throughout the age and ability range including work with 'O' and 'A' level groups. The vacancy arises because of the promotion of the present holder.

YEW TREE HIGH SCHOOL
Wythenshawe, Manchester, M23 0DD
TEACHER OF MATHEMATICS.
A teacher of Mathematics offering a subsidiary subject, Music, History or Geography preferred. The work in Mathematics is largely with older less able pupils. Applications will be considered for a full-time or part time (0.5) appointment.
Forms obtained from the Headmaster (stamped addressed envelope) should be returned as soon as possible.

SPECIAL SCHOOLS

SCALE 1

LONGSIGHT SCHOOL
Cochrane Avenue, Longsight, Manchester, M12 4FA
Tel.: 061-273-4894
Experienced NURSERY/INFANT teacher to work as part of a team in the assessment unit at this special school for slow learning children. Permission to visit this school can be arranged by telephone.
Application forms should be returned by 8th July, 1977.

Assistance with removal expenses given in approved cases for permanent full-time appointments.

SECONDARY
Technical Studies
continued

NORTHUMBERLAND
LOCAL AUTHORITY
Hirst Park Secondary School
HIRST PARK, NEWCASTLE upon TYNE
Acting Head: Mr. Ian Cowell, M.A.
Required for September 1977
HEAD OF METALWORK and TECHNICAL DRAWING
Required for September 1977
Applications forms, intimation of vacancies, and further details available on receipt of a stamped addressed envelope from the Headmaster at the address above.

SEFTON
Metropolitan Borough of
LANDMARK PLANNING SCHOOL
Formerly Hillside School
Dowhills Lane, Liverpool
Liverpool, L27 8HK
(Tel: 0151-486 4966)
Principal: Mr. Ian Cowell, M.A.
Required for 1st September 1977
TEACHER of TECHNICAL SUBJECTS
Applications forms and further details are available on receipt of a stamped addressed envelope from the Headmaster at the address above.

BIRMINGHAM
Education Committee
WILKINS JUNIOR SCHOOL
Lady Byron Lane, Sheldon
Birmingham, B26 3RD
(Telephone: 021-742 2966)
Required for September 1977
TEACHER of MATHEMATICS
(Scale 3 Post)
Applications forms and further details are available on receipt of a stamped addressed envelope from the Headmaster at the address above.

NOTTINGHAMSHIRE
County Council
EDUCATIONAL DEPARTMENT
Applications are invited from suitably qualified TEACHERS for the following posts:
ASHFIELD COMPREHENSIVE SCHOOL
Hilltop Road, Sutton-in-Ashfield, Nottingham NG17 4HH
Mixed: 11-18 (1,150 on roll)
Headmaster: J. D. Tait
B. Ed(Hons), M.A., J.P.
1. For September, TEACHER (Scale 2) to share the teaching of Physics with the present incumbent in a well-equipped department.
Applications (on forms) in the Registrar with dates of two references, as soon as possible.

STAFFORDSHIRE
COUNTY COUNCIL
EDUCATION COMMITTEE
SECONDARY SCHOOLS
Required for January 1977:
ACTING HEAD OF ART (Scale 4)
Applications from Graduates with Teaching Experience in the Northern Area Schools in the Northern Area.
Forms of application are available, on receipt of a stamped addressed envelope, from Mr. R. H. Richards, Education Office, P.O. Box 25, Tipping Street, Stafford ST16 2DH.
Early return, please, should be limited not later than 8th July.

WALTHAM FOREST
LONDON BOROUGH OF
EDUCATION DEPARTMENT
The Borough is a busy area of Greater London and borders on Essex, Epping Forest, London Airport, Lea Valley, etc.
Required for September 1977 —
CAMPHILL HIGH SCHOOL FOR BOYS
Harrow Road, London E17 5NU
(Tel: 01-527 1267)
Headmaster: Mr. J. Hurt
WOODWORK AND TECHNICAL DRAWING TEACHER
Suitable for Fourth Year boys' conversion, plus high school (11 to 14 years), Good-sized workshop, well equipped with woodworking equipment and technical drawing boards.
Application forms obtainable on receipt of a stamped addressed envelope from the Chief Education Officer, London Borough of Waltham Forest, Municipal Offices, High Road, Leyton, London E10 5QJ.

WILTSHIRE
WILSHUN JUNIOR SCHOOL
Winnfield Road, Trowbridge
(Tel: 62 2 2)
Mixed Comprehensive from Primary Schools
Required for September, qualified TEACHER of MATHEMATICS and WOODWORK up to O.C.E. and Mathematics to A.C.E. or Technical Drawing.
Salary, Scale 2.
Details of post and stamp from Headmaster (enclosing stamped addressed envelope), forty applications.

Other than by Subject Classification

Heads of Department

EALING
LONDON BOROUGH of
EDUCATION SERVICE
EALING HIGH SCHOOL
Drayton Avenue, East Ham
Ealing, W13 8QS
(1,000 pupils—adult)
Required for possibly qualified TEACHER with interest in Drama for the Second Year YOUTH LEADERSHIP.
Teacher is also required to have training and experience in dealing with small groups of disturbed adolescents. Casework experience with families and a particular interest in drama and youth work are essential for the post.
The successful candidate will have the support of outside agencies and experienced staff which include the Connexion, Head of Hospital Department and four Educational Psychologists.
Application forms obtainable, on receipt of a stamped addressed envelope, from the Chief Education Officer, London Borough of Ealing, Town Hall, Municipal Offices, High Road, Leyton, London E10 5QJ.

WILTSHIRE
WILSHUN JUNIOR SCHOOL
Winnfield Road, Trowbridge
(Tel: 62 2 2)
Mixed Comprehensive from Primary Schools
Required for September, qualified TEACHER of MATHEMATICS and WOODWORK up to O.C.E. and Mathematics to A.C.E. or Technical Drawing.
Salary, Scale 2.
Details of post and stamp from Headmaster (enclosing stamped addressed envelope), forty applications.

RENFREW
Metropolitan Borough of
EDUCATION SERVICE
PAISLEY HIGH SCHOOL
Renfrew Road, Paisley
Required for September 1977:
TEACHER of TECHNICAL SUBJECTS
Applications forms and further details are available on receipt of a stamped addressed envelope from the Headmaster at the above address.

NEWHAM
London Borough of
EDUCATION DEPARTMENT
Kingsford Community School
Romford Road, London E15 4BT
(Tel: 01-519 5911)
Required for September 1977
TEACHER of MATHEMATICS
Applications forms and further details are available on receipt of a stamped addressed envelope from the Headmaster at the above address.

DERBYSHIRE
EDUCATION COMMITTEE
LITTLEOVER SCHOOL
Derby, Derbyshire
Tel: Derby 760 710
Mixed Comprehensive
Number on Roll 950
Required for September 1977
TEACHER of ART
Applications from graduates with teaching experience in Art, Craft and Design, Fourth and Fifth Year students in English, Drama and Music Studio to S.S.E. level.
Apply by letter to Headmaster stating full career details and names and addresses of two referees (preferably one of school teaching experience).
Further details of the post please apply to the Headmaster at the school, giving a brief outline of career to date and the names of two referees.
Teachers' allowances payable.

KNOWSLEY
Metropolitan Borough of
HUYTON COMPREHENSIVE SCHOOL
Hollywood Drive, Northwood, Kirkby, Liverpool L33 8XF
(1,100 boys and girls, 13-18 years, S.H.A. 1,250)
Required for January 1978 (or September 1977 if possible)
HEAD OF HUMANITIES and SOCIAL SCIENCES, Scale 3.
To be responsible for a humanities course for all year 1 pupils and for promoting courses, evening classes, etc., in the Humanities, Sociology, Psychology and General Studies.
For further information, send stamped addressed envelope to the Headmaster to whom applications, giving details of age, qualifications, and experience, together with the names of 2 referees, should be sent as soon as possible.

NEWHAM
London Borough of
LANTEA SCHOOL
Tollet Road, London E16 4NP
(Boys: 11-16. Co-educational Sixth Form)
Head Teacher: Mr. S. Castle
Required September 1977, or January 1978
(1) HEAD of GEOGRAPHY Department, Scale 3.
(2) HEAD of BIOLOGY Department, Scale 3.
Burnham Scales plus London Allowance £462 plus Social Priority Allowance £218 or £276.
Application forms apply to objectors from the undersigned, to whom they should be returned by 1st July, 1977.
J. F. White, M.A., Ph.D., Director of Education,
Education Office, Broadway, Stratford, London E15 4BW.

Other Posts on Scale 2 and above

BRENT
London Borough of
JOHN KELLY GIRLS' HIGH SCHOOL
Dyne Road, NW2 7SN
(Tel. 1,500, 11-18. Social Priority Burnham 100 in Sixth Form)
Required in September 1977
TEACHER of HEALTH EDUCATION (Scale 2)
Applications are invited from qualified teachers for this above post. Scale 2 post would be available to a suitably experienced teacher with an interest in social education in the school and future as an important part of the curriculum. The person appointed must be prepared to work hard in maintaining the already existing high standards of work and discipline.
Please state other subjects offered.
London Allowance of £462 per annum is payable and there is a scheme for advance with removal expenses including legal fees, etc., excluding and lodging allowance.
Candidates should apply by letter to the Head of Personnel within seven days giving age, present post, qualifications, experience and referees.

CHANNEL ISLANDS
STATES OF JERSEY
EDUCATION COMMITTEE
LES QUENNEVAIS SCHOOL AND COMMUNITY CENTRE
Principal: E. Tranter
The following are required from September, 1977, or otherwise 1st January, 1978:
(1) Scale 1 HUMANITIES TEACHER to teach any combination of History, Religious Education, Sociology and Anthropology throughout the school (c.O.E. and "O" levels).
(2) HEAD of MUSIC (Scale 3) to teach Music throughout the school to C.S.E. and "O" level, to organise the school orchestra and dance band.
Application forms and further details from the Director of Education, Highlands, St Saviour's Group, C.I., and returned as soon as possible.

RALING
(London Borough of)
COMMUNITY SERVICES
FALLOWFIELD HIGH SCHOOL
Hesketh Avenue, Hayes
Hillingdon, Middlesex
(Boys/Girls 11-16, 1,000 pupils, mixed (Boys/Girls) as soon as possible, qualified TEACHER with interest in adolescent work, preferably in YOUTH LEADERSHIP. A teacher is looked for who has had training and experience in dealing with small groups of disturbed adolescents. Casework experience with families and a particular interest in drama and youth work are essential for the post.
The successful candidate will have the support of outside agencies and experienced staff which include the Connexion, Head of Hospital Department and four Educational Psychologists.
Application forms obtainable, on receipt of a stamped addressed envelope, from the Chief Education Officer, London Borough of Ealing, Town Hall, Municipal Offices, High Road, Leyton, London E10 5QJ.

ST HELENS
EDUCATION COMMITTEE
SECONDARY SCHOOL
HAYDOCK HIGH SCHOOL
Haydock, St Helens, Lancs.
(Mixed, Lady Hardcastle, 11-18)
Headmaster: J. Ashton
1. WOOD/METALWORK (Scale 2) Ability to offer light crafts as subsidiary.
Both posts require sixth form work.
Further details and application forms are available from the Teacher in charge, should be returned immediately.

REDBRIDGE
(London Borough of)
WOODBRIDGE HIGH SCHOOL
St. Barnabas Road
Woodford Green IG8 7DU
(Telephone Number: 01-504 0418)
Headmaster: A. C. Duke, M.A.
Required for September 1977
TEACHER of MATHEMATICS
Ability to offer light crafts an advantage.
Further details and application forms are available from the Teacher in charge, should be returned immediately.

REDBRIDGE
(London Borough of)
WOODBRIDGE HIGH SCHOOL
St. Barnabas Road
Woodford Green IG8 7DU
(Telephone Number: 01-504 0418)
Headmaster: A. C. Duke, M.A.
Required for September 1977
TEACHER of MATHEMATICS
Ability to offer light crafts an advantage.
Further details and application forms are available from the Teacher in charge, should be returned immediately.

NEWHAM
(London Borough of)
WARREN COMPREHENSIVE
High Street, Plaistow
London E13 0HU
(Boys: 11-18)
Head: Douglas Neill
Required September 1977
TEACHER of MATHEMATICS
Applications forms and further details are available on receipt of a stamped addressed envelope from the Headmaster at the above address.

TAMESIDE
METROPOLITAN BOROUGH
COMPREHENSIVE SCHOOL
Dukinfield Road, Hyde
Cheshire
Required for September 1977
ASSISTANT TEACHER —
R.E. with Sociology
Applications forms are available from the Headteacher at the above address. Ref.: 1/2/4/1/2.

WARWICKSHIRE
NUNEATON HIGH SCHOOL
Nuneaton, Warwickshire
(Tel: 0203-382 4)
(1,100 on roll, 12 to 18 Co-educational)
Required September 1977
(1) HEAD of MUSIC, Scale 4.
(2) HEAD of MATHEMATICS, Scale 3.
Required September 1977 or January 1978
TEACHER of GERMAN
Applications forms and further details available from the Director of Education, Warwick.

BERKSHIRE
Required for September 1977
Bulmershe Upper School
WOOD BADGING CENTRE attached to the Bulmershe Upper School
Bulmershe Upper School
Bulmershe Upper School
Wooden Badging Centre
Bulmershe Upper School
Required for September 1977
TEACHER of WOODWORK, Scale 1
Applications forms and further details available from the Director of Education, Bulmershe Upper School, Bulmershe Upper School, Bulmershe Upper School, Bulmershe Upper School.

DERBYSHIRE
EDUCATION COMMITTEE
LITTLEOVER SCHOOL
Derby, Derbyshire
Tel: Derby 760 710
Mixed Comprehensive
Number on Roll 950
Required for September 1977
TEACHER of ART
Applications from graduates with teaching experience in Art, Craft and Design, Fourth and Fifth Year students in English, Drama and Music Studio to S.S.E. level.
Apply by letter to Headmaster stating full career details and names and addresses of two referees (preferably one of school teaching experience).
Further details of the post please apply to the Headmaster at the school, giving a brief outline of career to date and the names of two referees.
Teachers' allowances payable.

HEREFORD AND WORCESTER
County Council of
EDUCATION DEPARTMENT
NORTH WORCESTER HIGH
School Drive, Stourbridge Road
Bromsgrove, Worcs. B61 7JU
Co-ed. Comprehensive
CENTRAL SUBJECTS TEACHER
Required for September 1977
Applications from suitably qualified teachers for this above post would be welcomed. Scale 2 post would be available to a suitably experienced teacher with an interest in the school and future as an important part of the curriculum. The person appointed must be prepared to work hard in maintaining the already existing high standards of work and discipline.
Please state other subjects offered.
London Allowance of £462 per annum is payable and there is a scheme for advance with removal expenses including legal fees, etc., excluding and lodging allowance.
Candidates should apply by letter to the Head of Personnel within seven days giving age, present post, qualifications, experience and referees.

CLWYD
COUNTY COUNCIL
CONNA'S QUAY HIGH SCHOOL
Golftyn Lane, Connah's Quay
(11 to 18, 1,250 pupils)
Headmaster: Mr. Ron Davies, M.A.
Required September 1977
HEAD of GEOGRAPHY required to teach Geography and some History, Humanities to Fourth Year and "O" level. This is a post which, for an experienced teacher, could be a head of a small unit with, on industrial accounts to be prepared for school.

ST. RICHARD GWYN. HIGH SCHOOL
(11 to 18, 1,000 pupils)
Head: F. D. Bryson, B.A.
RELIGIOUS EDUCATION.
This is a vital and rapidly developing department, and the school aims to recruit a certified specialist. Newly qualified members of the profession are very welcome to apply, but a state post may be offered for a suitably qualified/experienced candidate.

NOLYSELL HIGH SCHOOL
(Hollywell)
(11 to 18, 1,250 pupils)
Head, T. O. Richards, B.Sc.
Temporary TEACHER of MUSIC and GENERAL SUBJECTS.

CASTELL ALUN HIGH SCHOOL
Hope, Wrexham
(11 to 18, 1,250 pupils)
Head, D. Gordon Williams, B.A.
GRADUATE ENGLISH Scale 2 or 3 (to run to Scale 4 if need and with ability to contribute within Music/Drama fields).

YSGOL GLAN CLWYD
(11 to 18)
Rhuddlan, Rhyl
Niles Stewart, B.Sc. (Econ)
Bodnant, R. D. Healy, B.A.
Abergele/Colwyn Bay
Prestatyn, Mae Madoc Estate
Rhyl
Applications should be made by letter (no forms) to the respective Headteacher, giving full details of qualifications and experience and names and addresses of three referees.
John Howard Davies, Director of Education, Shire Hall, Mold.

DERBYSHIRE
EDUCATION COMMITTEE
LITTLEOVER SCHOOL
Derby, Derbyshire
Tel: Derby 760 710
Mixed Comprehensive
Number on Roll 950
Required for September 1977
TEACHER of ART
Applications from graduates with teaching experience in Art, Craft and Design, Fourth and Fifth Year students in English, Drama and Music Studio to S.S.E. level.
Apply by letter to Headmaster stating full career details and names and addresses of two referees (preferably one of school teaching experience).
Further details of the post please apply to the Headmaster at the school, giving a brief outline of career to date and the names of two referees.
Teachers' allowances payable.

HILLINGDON
(London Borough of)
COUNTY MARTYRS SCHOOL
Falling Lane, Yiewsley, West Drayton, Uxb. UB7 7QL
(Telephone: 0895-442 2)
Mixed Comprehensive
(11-18, 1,250 pupils)
Headmaster: Mr. D. G. Burke, B.A.
Required for September, 1977
TEACHER of MATHEMATICS
French, English, Geography or History. A willingness to be half initially with Hillingdon Education and/or Science at Uxbridge College leading to the O.C.E. and C.S.E. examinations.
This new Catholic Secondary School opened in 1975. The first phase of the building, including its facilities and amenities, has been completed for 900 pupils.
Removal expenses of up to £100 and housing allowance apply to movers only payable in approved cases.
Apply in the first instance to the Headmaster giving full details of qualifications and experience and the names of two referees.

HILLINGDON
(London Borough of)
COUNTY MARTYRS SCHOOL
Falling Lane, Yiewsley, West Drayton, Uxb. UB7 7QL
(Telephone: 0895-442 2)
Mixed Comprehensive
(11-18, 1,250 pupils)
Headmaster: Mr. D. G. Burke, B.A.
Required for September, 1977
TEACHER of RELIGIOUS EDUCATION
Ability to teach Geography and some History, Humanities to Fourth Year and "O" level.
This new Catholic Secondary School opened in 1975. The first phase of the building, including its facilities and amenities, has been completed for 900 pupils.
Removal expenses of up to £100 and housing allowance apply to movers only payable in approved cases.
Apply in the first instance to the Headmaster giving full details of qualifications and experience and the names of two referees.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
MEDWAY DIVISION
WARREN WOOD SECONDARY SCHOOL
City Way, Rochester
TEACHER required from September for GENERAL SUBJECTS, particularly Mathematics and English.
Please apply to the Headmaster, quoting two referees.

KNOWSLEY
(Metropolitan Borough of)
HEY COMPREHENSIVE SCHOOL
Bost Road, Huyton, Liverpool
(1,100 boys and girls, 11-18)
Required September, 1977
GENERAL SUBJECTS Scale 2 TEACHER required who could make a contribution to the PHOENIX Achievement, the Humanities, Science, Mathematics, Music and PHYSICAL EDUCATION.
Apply by letter to the Headmaster, giving details of age, experience, qualifications and extra-curricular activities and naming two referees.

NORTHUMBERLAND
COUNTY COUNCIL
Longridge Towers School
SECONDARY SCHOOL
South Avenue, Amble, Morpeth, Northumberland NE65 0DH
(Telephone: 0665-710 201)
Required for September (or as soon as possible thereafter)
The Nautical Studies Course is presented by the Department of Trade and Industry.
Will shortly be included in the curriculum for the new 13 to 18 Upper School.
Application forms, returnable by 8th July, 1977, are obtained by sending a stamped addressed envelope to the Head Teacher.
Previous applicants will be considered and need not reapply.

HERTFORDSHIRE
HILL JAMES ALLHAM SCHOOL
Hitchin Road, Stevenage, Herts
(Mixed 11-18 Comprehensive)
Required for September 1977
GENERAL SUBJECTS to teach English and Drama to Fourth and Fifth Year School Leavers, Adult Education and Youth Work.
Salary Scale 2 plus London Allowance.
Apply in letter to the Headmaster with curriculum vitae and names of referees.

HILLINGDON
(London Borough of)
COUNTY MARTYRS SCHOOL
Falling Lane, Yiewsley, West Drayton, Uxb. UB7 7QL
(Telephone: 0895-442 2)
Mixed Comprehensive
(11-18, 1,250 pupils)
Headmaster: Mr. D. G. Burke, B.A.
Required for September, 1977
TEACHER of MATHEMATICS
French, English, Geography or History. A willingness to be half initially with Hillingdon Education and/or Science at Uxbridge College leading to the O.C.E. and C.S.E. examinations.
This new Catholic Secondary School opened in 1975. The first phase of the building, including its facilities and amenities, has been completed for 900 pupils.
Removal expenses of up to £100 and housing allowance apply to movers only payable in approved cases.
Apply in the first instance to the Headmaster giving full details of qualifications and experience and the names of two referees.

TAMESIDE
METROPOLITAN BOROUGH
COMPREHENSIVE SCHOOL
Dukinfield Road, Hyde
Cheshire
Required for September 1977
ASSISTANT TEACHER —
R.E. with Sociology
Applications forms are available from the Headteacher at the above address. Ref.: 1/2/4/1/2.

WARWICKSHIRE
NUNEATON HIGH SCHOOL
Nuneaton, Warwickshire
(Tel: 0203-382 4)
(1,100 on roll, 12 to 18 Co-educational)
Required September 1977
(1) HEAD of MUSIC, Scale 4.
(2) HEAD of MATHEMATICS, Scale 3.
Required September 1977 or January 1978
TEACHER of GERMAN
Applications forms and further details available from the Director of Education, Warwick.

BERKSHIRE
Required for September 1977
Bulmershe Upper School
WOOD BADGING CENTRE attached to the Bulmershe Upper School
Bulmershe Upper School
Bulmershe Upper School
Wooden Badging Centre
Bulmershe Upper School
Required for September 1977
TEACHER of WOODWORK, Scale 1
Applications forms and further details available from the Director of Education, Bulmershe Upper School, Bulmershe Upper School, Bulmershe Upper School, Bulmershe Upper School.

Scale 1 Posts

HARROW
EDUCATION COMMITTEE
CLOVELLY HIGH SCHOOL
Harlesden
Required for September 1977
DEPUTY HEAD (Group 4(B))
Applications are invited from suitably qualified teachers for the above post. Applications are invited from experienced teachers for this residential 50 place school. Experience in the field of education in special education is desirable. The post is residential.
Further details and application forms obtainable from the Director of Education, Harrow Council, Harrow, Middlesex.
Closing date: 15th July, 1977.

DEVON
DOWTONEY HOSPITAL SCHOOL
Dowtoney, Devon
Applications are invited from suitably qualified teachers for the following posts:
(1) HEAD TEACHER for this Group 4 (B) Scale 1 post, to take up the appointment as soon as possible.
Application forms and further details from the Director of Education, East Devon Area Education Office, Heathfield, Exeter, returnable by 12th July, 1977.

ENFIELD
London Borough of
EDUCATION COMMITTEE
HIGH ROAD, LOWER EDMONTON
Edgar Road, London, N9 8LG
Required for January 1978, or thereafter
HEAD TEACHER — Group 4 (B)
London Allowance payable (£297)
Social Priority allowance payable.
Application forms and further details available from the Director of Education, Civic Centre, Silver Street, Enfield, EN1 3XB (a stamped addressed envelope is required).
Closing date: 15th July, 1977.

LANCASHIRE
EDUCATION COMMITTEE
FURTHER EDUCATION
NELSON AND COLNE COLLEGE
1st September, 1977, or as soon after as possible
MATHEMATICS, A-C level, Mathematics to G.C.E. "O" level, FRENCH and SPANISH to G.C.E. "O" level.
(Lecturer 1) Ions/further details available from the Principal Administrative Officer at College, Scotland Road, Nelson.

OXFORDSHIRE
COUNTY COUNCIL
KING JAMES'S COLLEGE
Gravel Hill, Bicester-on-Thames
Oxon
ECONOMIST/MATHEMATICIAN GRADUATE, either joint honours or with Economics Degree, to teach Economics to A.S. level, Mathematics to "O" level, to 'P' level, Scale 1 post, to assist with Economics activities essential.
Applications mainly with curriculum vitae and the names of referees to the Principal (telephone No. Bicester 6711).

Special Education

Headships

LEICESTERSHIRE
GRAVEN LODGE E.S.N. (M.) SCHOOL
Burton Road, Shepshed, Loughborough
Leicester LE12 1BT
(Scale 4 B)
Required for January 1978
HEAD TEACHER and MATRON (Joint or separate appointment) for this residential school for E.S.N. (M.) boys and girls of primary age.
Experience of work with this type of child is necessary.
Suitable training an advantage.
Accommodation available.
Interviews will be held during the Autumn Term.
Applications (on forms) and copies of job details to Director of Education, County Hall, Glenfield, Leicestershire, giving full particulars and names and addresses of 3 referees.

MANCHESTER
CITY OF
EDUCATION COMMITTEE
GORTON OBROK SCHOOL
Hollo Vue Street, Gorton, Manchester
Applications are invited from suitably qualified and experienced teachers for the post of HEAD TEACHER for this Group 4 (B) Scale 1 Residential Special School for E.S.N. (M.) Boys and Girls.
Application forms and further details are available from the Director of Education, Town Hall, Manchester, M60 2LA (a stamped addressed envelope is required).
Closing date: 15th July, 1977.

SOUTH DEVON
Harbour House School
Heathfield for January 1978
Required: (1) HEAD TEACHER (Group 3, 25 residential boys 8 to 12 years) for the Junior School.
Although this is a new appointment the School is well established.
Applicants should be experienced teachers with some experience in a residential situation but already developed at a secondary level. Salary for G3 boys, aged 12 to 16 years.
A new and well-equipped building available within the premises. Special Housing Allowance currently £700 p.a.
Interested parties should please submit an outline of their general qualifications, length of service in the profession, any special interests and teaching disorders. Further details and brochure to the The School will be sent to candidates who could operate successfully within the framework of established policy and practice.
Tan Pitfield, Lupton House, Lower Ashton, Chudleigh, Devon, Newton Abbot.

Deputy Headships
Senior Masters/Mistresses

BRIGHTON
HAMILTON LODGE SCHOOL FOR THE DEAF
WESTDENE
Brighton, East Sussex
Wanted for September it possible, or January 1978, DEPUTY HEAD, Group V/VI, plus allowance.
Application forms and further details from Headmaster.

CHESHIRE
EDUCATION COMMITTEE
CLOVERSTONE SCHOOL
Hartford
Required for September 1977
DEPUTY HEAD (Group 4(B))
Applications are invited from experienced teachers for this residential 50 place school. Experience in the field of education in special education is desirable. The post is residential.
Further details and application form obtainable from the Director of Education, Cheshire County Office, Weaver House, Chester. Closing date: 15th July, 1977.

DEVON
DOWTONEY HOSPITAL SCHOOL
Dowtoney, Devon
Applications are invited from suitably qualified teachers for the following posts:
(1) HEAD TEACHER for this Group 4 (B) Scale 1 post, to take up the appointment as soon as possible.
Application forms and further details from the Director of Education, East Devon Area Education Office, Heathfield, Exeter, returnable by 12th July, 1977.

SANDWELL
METROPOLITAN BOROUGH OF
GLENVALE BAY E.S.N.(S)
SCHOOL
(Group 4B)
Jervoise Rd., West Bromwich, West Midlands
(Head Teacher—Mrs. J. Blake)
Required as soon as possible:
DEPUTY HEAD TEACHER
Housing accommodation may be arranged for approximately 100 children, aged 2 to 16 years, which includes a Nursery and Special Care Unit. The School has its own swimming pool and outdoor pursuits centre.
Application forms and further details available from the Director of Education, Education Department, P.O. Box 2, Oldbury, West Midlands, B69 3DT. Closing date 4th July, 1977.

SHEFFIELD
EDUCATION COMMITTEE
SPECIAL EDUCATION SERVICES
Ecclesfield School
Ecclesfield Lane, Sheffield S6 3TL
A vacancy has arisen for the post of DEPUTY HEAD TEACHER at Kirkhill School for January 1978.
Kirkhill is a special school for children aged from 3 to 19 years who experience severe learning difficulties.
Close liaison between the physiotherapist and similar schools in the Sheffield area is essential. The post involves the programming of curriculum and the assessment of each child individually in the areas of language, motor, self-help skills and language development. Preference will be given to applicants with a field and who possess additional qualifications and experience which would be especially welcome.
Kirkhill has recently been given two purpose built premises comprising accommodation for approximately 100 children, and the school is the centre for a Special Schools Sports Association.
Salary: Deputy Head Group 3(B) Scale 1 (£3,000 to £3,450) plus allowances.
Applicants should write to the Director of Education, Sheffield, Town Hall, Sheffield, S1 2HH (quoting reference EDS/4/1 and enclosing a stamped addressed envelope for acknowledgement and return of testimonials).

SHEFFIELD
EDUCATION COMMITTEE
SPECIAL EDUCATION SERVICES
ADVENTURE BRIDGE SPECIAL SCHOOL
Crookhill Lane, Sheffield S6 6JA
APPOINTMENT OF DEPUTY HEAD TEACHER
Scale: £3,000 to £3,450 plus supplement.
Required January 1978 or earlier if possible.
Applications are invited for the post of DEPUTY HEAD TEACHER for this school, for the promotion of the present deputy head.

The school was opened in June 1976 and is a purpose-built, disadvantaged catchment, home of wings accommodation.
The deputy head will be expected to lead a team of teachers in an open plan environment and will be expected to take a share in pastoral duties.
The successful candidate will be an experienced teacher with some experience in a residential situation.
Application forms, obtainable from the Chief Education Officer, should be returned to him at 2-10 Division Street, Sheffield S1 4GE or before 8th July, 1977.

Other Posts on Scale 2 and above

BEDFORDSHIRE
EDUCATION SERVICE
SERVICE FOR HEARING IMPAIRED CHILDREN
A vacancy exists for a qualified teacher of the deaf to work in Partially Hearing Unit of Kimbolton High School, Bedford.
Kimbolton High School is a comprehensive school for children aged 11 to 18 years and the Partially Hearing Unit accommodates approximately 8 children. The hearing impaired children are fitted into normal classes for appropriate courses.
This post is a Scale 2 post but is linked to fill the post with effect from September, 1977. Preference would be unlike to take up the post before that date but a school may be desired from applying.
Applicants should write for particulars obtainable from D. P. Bowman, Chief Education Officer, County Hall, Bedford.

BERKSHIRE
Required for September 1977
Bulmershe Upper School
WOOD BADGING CENTRE attached to the Bulmershe Upper School
Bulmershe Upper School
Bulmershe Upper School
Wooden Badging Centre
Bulmershe Upper School
Required for September 1977
TEACHER of WOODWORK, Scale 1
Applications forms and further details available from the Director of Education, Bulmershe Upper School, Bulmershe Upper School, Bulmershe Upper School, Bulmershe Upper School.

DEVON
DAWTLEY RATCLIFFE SCHOOL
John Nash Drive
Exmouth, Devon
Required TEACHER, Scale 2, required January, 1978, or earlier, for this Group 4(B) residential school for E.S.N.(M) children.
Applicants should be experienced in teaching some of the basic subjects to children of secondary school age, preferably with some experience in the upper forms.
Housing and Fitness Allowance payable.
Further details and application forms obtainable from the Director of Education, Devon County Council, Exeter.
Closing date: 15th July, 1977.

CI.WYD
COUNTY COUNCIL
PAEDIATRIC SCHOOLS
Rowan
SENIOR REMEDIAL TEACHER, Scale 3, in the Mold area, the main teaching for boys will involve helping children with specific difficulties (dyslexia), either individually or in small groups. There will also be some responsibility for liaison work with schools.
ASSISTANT REMEDIAL TEACHER to work in conjunction with the Mold/Deeside area, Scale 2 for suitably experienced and experienced candidate.
ADJUSTMENT UNIT TEACHER to work in a Unit for children of secondary age experiencing problems of adjustment. Applicants should preferably have good experience in the field of education and/or special education.
Details and form from Education Office, Gifts Pets, Wrexham, Bersham Road, Crewe, Bersham.

HARINGEY
(Borough of)
HOLDEN SCHOOL
Hawthorn Road, N8
(Mixed, 11-16, 1,000 pupils)
Required for September 1977
TEACHER required to teach Mathematics to C.S.E. and "O" level, and to share in the teaching of Science. The teacher appointed will also be required to teach in both Middle and Senior Departments of the school.
Application forms from District Education Office, 16 Hillfield Avenue, London N8 7DL.
Closing date: 11th July 1977.

CLEVELAND
COUNTY OF
SPECIAL SCHOOL
Ormesby Hall, T.S.A.
QUEENS SCHOOL (E.M.E.S.)
Warkworth Drive, Middlesbrough
Cleveland
Required for September 1977
SCIENCE TEACHER, Scale 2, to teach Physics to Fourth and Fifth Year pupils.
Applications are invited for the following post of the above school which accommodates 142 E.S.N.(M) Maladjusted children.
ASSISTANT MASTER/MISTRESS — to participate in Tower Training with boys and girls in the age groups 12 to 14. This post is very suitable for someone with teaching experience in Ordinary Schools who wishes to enter the field of Special Education.
Salary Burnham Scale 1 plus Special School Allowance.
Application forms and further details may be obtained from the Headmaster, telephone 021-444 2411/2.
There is no scheme for assistance with removal expenses.

HUMBERSIDE
COUNTY COUNCIL
EDUCATION DEPARTMENT
SPECIAL DIVISION
HULL ROYAL SCHOOL
Second Avenue, Hessle
Required for September 1977
Headteacher: Miss E. Paterson
Hull Royal for 31st August, 1977, or as soon as possible after and only Lakeside School for 1978 pupils in a new unit in Hessle, Humberside, for 12 to 16 year old Junior School and responsible for Senior Department.
An interest in the teaching of Handicapped and Hearing Impaired children an advantage.
Application forms and further information obtainable from the Divisional Education Officer, Divisional Education Office, Leader House, Anlaby Road, Hull, to be returned within four days of the appearance of this advertisement.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
CANTERBURY DIVISION
STONE BAY DAY AND RESIDENTIAL SCHOOL FOR E.S.N.(S.) CHILDREN
Stone Road, Broadstairs
(Ex. Ashwood Lodge School)
Required for September, 1977, or thereafter
ASSISTANT TEACHER required to teach Special Scale 2 post for an experienced teacher with a suitable qualification and ability to teach handicapped children in a small school with a long-term assessment. Vacancy due to retirement of a member of the Special House Special Scale 1 plus special schools allowance.
There is a possibility of assistance towards the house loan for appropriate cases.
Applicants for the post, enclosing curriculum vitae and the names and addresses of two referees, should write to the Director of Education, Kent County Hall, Maidstone.

CAMBRIDGESHIRE
COUNTY COUNCIL
MANSFIELD HOUSE (E.S.N.(M.))
SCHOOL
Carlton Road, Fulbourn Avenue
Cambridge, CB1 2NG
Telephone: Cambridge 58602
Required for September, 1977, or thereafter
ASSISTANT TEACHER, Scale 2, for an experienced teacher with a specialist Music Project, for the benefit of handicapped children and children with special needs.
Applicants should have the ability to lead handicapped children in a project of this kind, which is a long-term assessment. Vacancy due to retirement of a member of the Special House Special Scale 1 plus special schools allowance.
There is a possibility of assistance towards the house loan for appropriate cases.
Applicants for the post, enclosing curriculum vitae and the names and addresses of two referees, should write to the Director of Education, Shire Hall, Cambridge.

CHESHIRE
EDUCATION COMMITTEE
WOODLANDS SCHOOL
Burlington Avenue, Langwith
Runcorn, Cheshire
For September, appointment TEACHER for mainly Science and Mathematics, Scale 1 post for one year. Scale 2 if suitable experienced candidate.
Application form from Headmaster (enclosed stamped addressed envelope).

DERBYSHIRE
EDUCATION COMMITTEE
HEATHER SCHOOL
Burlington Avenue, Langwith
Runcorn, Cheshire
For September, appointment TEACHER for mainly Science and Mathematics, Scale 1 post for one year. Scale 2 if suitable experienced candidate.
Application form from Headmaster (enclosed stamped addressed envelope).

DERBYSHIRE
SHIRETON HOUSE
Shireton Lane, Stretton, Derby
For September, ASSISTANT TEACHER for teaching and for outdoor pursuits, emotional, social, and personal problems. Salary Scale 1 plus special schools allowance. Extensive duties available.
Application forms and particulars from Principal, Shireton House, Stretton.

DEVON
EPIT HOUSE SCHOOLS
FOR ESN/MALADJUSTED
Ilfracombe
require for
STOKEAKE HOUSE SCHOOL
Chulleigh, Devon
WOODWORK TEACHER
Burnham Scale plus Special Schools Allowance.
For application forms and further details please write to the Headmaster, Stokeake House School, Stokeake, Chulleigh, Devon. Telephone: Chulleigh 221217.

BURDERS
HIGH SCHOOL
Ipswich
(Mixed, 11-18, 1,000 pupils)
Applications are invited from suitably qualified teachers for the post of Deputy Head, Group 4(B), Scale 1 post, to take up a new unit in Ipswich, Suffolk, in August, 1977.
Burders School and Residential Unit, Ipswich, Suffolk, is a new 11-18 school in Ipswich, Suffolk, for 1,000 pupils in a purpose-built and residential building.
Salary Scale 1 plus special schools allowance.
Applicants should be experienced teachers with some practical experience of E.S.N. (M) children.
Application forms and further details available from the Director of Education, Education Office, Lavenham Road, Ipswich, Suffolk.
Closing date: 15th July, 1977.

SUFFOLK
COUNTY COUNCIL
TEACHERS OF PARTIALLY HEARING CHILDREN
ASSISTANT TEACHERS required as follows:—
Scale 1 — UNIT TEACHERS
(1) COLDHAM HALL, Boston's Way, Bury St Edmunds
(2) KIRKLEY HIGH, Kirkley Run, Lowestoft
(3) WEYBOURNE SECONDARY, Norman Road, Ipswich
Applicants should possess a recognised qualification in the teaching of hearing impaired children.
Application forms, obtainable from the County Education Officer (Special Schools), Education Office, Grimwade Street, Ipswich, on receipt of a stamped addressed envelope, should be completed and returned as soon as possible.

WEST SUSSEX
NORTH EASTERN AREA
WORTHING TUTORIAL UNIT
Ecclesdown, Sussex
(Managed by Boys Army)
TEACHER-in-CHARGE Scale 2 required September 1977, or January, 1978, for a boys' Adjustment Unit (Male specialist) with demonstrable skills

SPECIAL EDUCATION
Scale 1 Posts
continued

ENFIELD
(London Borough of)
EDUCATION COMMITTEE
AYLANDS SCHOOL
Aqueduct Drive, Enfield EN3 6NV.
Roll : 36
Day Maladjusted
Required in September 1977 :
Scale 1 temporary TEACHER for one year. An interest in BOYS, GAMES and PHYSICAL EDUCATION would be an advantage.
Informal enquiries to the telephone the Headmistress, Mrs. M. Stevens, on 9 765929.
Application forms, with stamped addressed envelope, should be sent to the Director of Education, P.O. Box 55, Civic Centre, Silver Street, Enfield EN1 3XQ, to be returned to the Headmistress by Friday, 8th July, 1977.

GWENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
Required for 1st September 1977 :
Applications are invited from suitably qualified TEACHERS for the following posts :
SPECIAL EDUCATION
HYNDMAN'S JUNIOR AND HYNDMAN'S SCHOOL E.S.N.(M.)
Unit
Ebbw Vale
SECOND TEACHER for a small group in a new unit, opening in this two group unit will preferably experience in teaching such pupils or of a special qualification, Scale 1 plus P.T.A.
Application forms and further information for the above appointments in the Education Department may be obtained, on receipt of a stamped addressed envelope from the Director of Education, Gwent County Council, County Hall, Cwmbrân (Telephone Cwmbrân 869 2XG). To be returned to the same address by the date shown.
Closing date 8th July 1977.
The successful candidate will be required to submit a satisfactory medical report on appointment.

HAMPSHIRE
COUNTY OF WEST SUSSEX
COLLEGE
MUSIC and MATHEMATICS TEACHER
A temporary TEACHER is required for one year from September 1977 for music, MUSIC and MATHEMATICS to College and MATHEMATICS to junior forms. This is a post-sabbatical annual boarding school for girls aged hundred boys of normal intelligence ages 11 to 18 years. Salary Scale 1 plus special schools allowance. £3,018 to £4,866 per annum, plus £360 per annum paid for extra duties.
Accommodation available for a single person. Personal rural situation.
For further details and application forms, which should be returned within two weeks of the appearance of this advertisement, send stamped addressed envelope to the Headmaster, Lord Mayor Treloar College, Froyle, Near Alton, Hants. GU34 4LA.

HERTFORDSHIRE
BUNTINGFORD JUNIOR AND WINCHMORE SCHOOL
Aspenden Road
BUNTINGFORD
SENIOR ASSISTANT TEACHER, Scale 1, required for September, for the day and weekly boarding school for E.S.N.(M.) boys aged 11-16 years.
The successful applicant will teach basic subjects to a first or second year mixed class with the opportunity of developing specialist interests which complement those of present staff.
A centrally located self-contained family flat is available at an inclusive monthly rental of £30.00. The teacher will be expected to perform salaried duties of up to 4 hours per week organising and supporting the boarding activities.
Salary Spurgeon Scale 1 plus Extraneous Duties Allowance Scale 2 plus Special Schools Allowance plus London Fringe Allowance.
Informal visits are welcome to visit the school by appointment with the Headmaster, Mr. P. A. Jackson (telephone number were 61431) from whom application forms are available.

HILLINGDON
(London Borough of)
CHARTERS SCHOOL
Pulling Road, Yiewsley.
West Drayton Middlesex UB7 9AB
Headmaster : Campbell Tait.
Required for September 1977 an experienced TEACHER for this day maladjusted boys' school, to teach pupils of secondary school age.
Application available for suitable candidates.
Application forms from the Director of Education, Civic Centre, Uxbridge, Middlesex. Telephone Uxbridge 50123 ext. 258 to whom they should be returned as soon as possible.
Outer London allowance payable.
London Allowance payable.
Scale 1 per annum removal expenses and scale estimated accommodation in appropriate cases.

KENT
COUNTY COUNCIL
EDUCATION DEPARTMENT
SPECIAL EDUCATION
VALENCE SCHOOL
Westerham, Kent TN16 1QN
Required for September 1977 :
PENSIONARY TEACHER (one post)
To teach GENERAL SUBJECTS in the secondary age range at this educational boarding school for physically handicapped children. Previous experience with disabled children is not essential. Ability to teach Biology to G.C.E., or O level an advantage.
Single accommodation available.
London Outer Fringe allowance, special schools and extraneous duties allowance.
Inquiries to the Headmaster—Westerham (0959) 64106.

NEWHAM
(London Borough of)
ST. BONAVENTURE SCHOOL
Plaistow Street E16 3RZ
Head Teacher: Miss S. Todd
Required September 1977 :
Temporary post, can give Part-time TEACHER five half days a week, to work in the Infant Class and assist the class teacher in the education of a language disordered child. Experience of teaching infants or young mentally handicapped children essential.
Burnham Scales plus London Allowance.
Further information and application forms can be obtained from the Head Teacher (Tel.: 01-534 3066).
Applications should be returned to the undersigned by 8th July, 1977.
T. S. Spicer, M.A., Ph.D., Director of Education,
Education Office, Broadway, Stratford, London E15 4BU.

NEWHAM
(London Borough of)
MANOR JUNIOR SCHOOL
Sandy Road, London E12 6HJ
Roll : 420
Head Teacher: Mr. H. D. Norman
Required September 1977 :
Applications are invited for the post of SCALE 1 TEACHER to take some SCIENCE and MATHEMATICS in the above day school for maladjusted children. The teacher will be responsible for a class of boys, age range 13 to 15 years. This post is a second post in a team of 4 teachers.
Burnham Scales plus London Allowance Scale.
Please contact the Head Teacher (Tel. 01-472 0088) for further details and application forms which should be returned to the undersigned by 30 July 1977.
T. S. Spicer, M.A., Ph.D., Director of Education,
Education Offices, Broadway, Stratford, London E15 4BU.

OXFORDSHIRE
MULBERRY BUSH SCHOOL
Sandfords, Grindsbiw
An experienced and well-qualified TEACHER is required to take one of two open class-groups of seven to eight children.
This is a purpose-built, fully-staffed school for 36 disturbed children of primary school age.
We provide a stimulating and well staffed TEACHER to work with a small class group and about seven children, which will be: Gardiner Scale 1 or 2 plus Special Schools and extraneous duties allowances.
Applicants should be prepared to work 40 weeks a year.
Our Children are all of at least average intelligence, but have a disorder so bad as to cause them to be of no primary importance. In a directly therapeutic environment, we provide a professional staff of 14 one adult to every 2 children, and we try to train towards medium term results.
There are no weekends and mornings are conveniently free, and members have individual weekly commitments with our staff.
Please write enclosing curriculum vitae to the Headmaster.

REDBRIDGE
(London Borough of)
EDUCATION DEPARTMENT
Redbridge is a pleasant residential area in North-East London. Outer London Allowance payable.
HEALTH SCHOOL
E.S.N.(M.)
Ilchester Road, Little Heath, Romford RM6 6NX
Scale 1 (special schools allowance payable)
Required for 14 to 18 year old S.E.B.M. pupils. Experience of boys/girls and of children in physically handicapped children preferred. Ability to teach Biology to G.C.E., or O level an advantage.
Single accommodation available; London Outer Fringe allowance, Special Schools and extraneous duties allowance.
Inquiries to the Headmaster—Westerham (0959) 64106.

SHEFFIELD
EDUCATION COMMITTEE
SCHOOL FOR MALADJUSTED CHILDREN
Stony Lane
Shiregreen
Sheffield S5 9BG
Temporary appointment from September 1977 :
Scale 1 TEACHER required for one year, to assist in our secondary department.
Applicants should be prepared to take an adventure and game section as an advantage.
Further details may be obtained from the Deputy Headmaster.

SHEFFIELD
EDUCATION COMMITTEE
SCHOOL FOR MALADJUSTED CHILDREN (SPINA BIFIDA)
Stony Lane
Shiregreen
Sheffield S5 9JA
Required for September 1977 :
Scale 1 with post allocation of house

CITY OF NEWCASTLE UPON TYNE EDUCATION COMMITTEE

Silverhill School E.S.N.(M) Group 6s

Appointment of

DEPUTY HEAD TEACHER

Re-advertisement

Salary Scale £5,394-£6,984

A Deputy Head Teacher is required from January, 1978, for the above school for 120 E.S.N.(M) senior girls. Candidates should have suitable experience in the field of special education. An advanced qualification in special education would be an advantage.

Further details and application forms available from the Director of Education, Special Services Section, Civic Centre, Barras' Bridge, Newcastle upon Tyne, NE1 8PU. Application forms should be returned by 8th July, 1977.

COUNTY OF AVON
Education Service

TWO TEACHERS
(Remedial Classes)

Scale 2 post.

HM Detention Centre, Eastwood Park,
Falfield, Wotton-under-Edge, Glos. GL12 8DB.

Required as soon as possible, to teach illiterates and poor readers. One post is a permanent appointment, and the other a temporary appointment for one year to replace a teacher seconded for a year's study. Encouragement given to practise up to date methods with the latest equipment, with small groups of trainees aged 14-16 years, serving short sentences. Excellent opportunities for candidates interested in the work to experiment and gain valuable experience in this field.

Further details and application forms, returnable by 8th July, from the Education Officer at H.M. Detention Centre.

ABERDEEN
Robert Gordon's College
HEAD

Applications are invited from suitably qualified Registered Teachers for the post of Head which will become vacant early in 1978 upon the retiral of the present Headmaster.

Robert Gordon's College is a Grant Aided Day School for boys; the present Headmaster is a Member of the H.M.C. The College comprises of a Junior School of approximately 350 boys and a Secondary Department of approximately 850.

For further particulars candidates should write to Noel T. Gwynne, Esq., A.C.I.S., College Clerk & Treasurer, Robert Gordon's College, Schoolhill, Aberdeen AB9 1FE, with whom applications for the post must be lodged not later than Monday, 25th July, 1977.

INDEPENDENT
Mathematics
continued

KENT
BLENAHY SCHOOL
Hadlemont, Kent.
(200 boys aged 11 to 18; ass PSVR (cat 275)
for September 1977:
An additional young TEACHER for MATHEMATICS to "O" level, preferably with some "A" ENGLISH subject and some PHYSICAL EDUCATION. Boarding School interest and strong Hobby Cultural Imports all.
Single person preferred for whom there may be a house tutorship available.
A strong candidate for January, 1978, might be considered.
Full details from Headmaster, Hadlemont (Hadlemont 875).

LONDON, N.6
HIGHGATE SCHOOL
London N.6 4AL
A GRADUATE MATHEMATICIAN to teach G.C.E. MATHEMATICS throughout the school is required for two terms from January, 1978.
Full curriculum vitae with telephone number and the names, addresses, and telephone numbers of two referees to Headmaster, Highgate School, London N6 4AY (Tel. 01-340 1342).

LONDON NG 4AY
HIGHGATE SCHOOL
Applications from MATHEMATICIAN is invited for the Senior School to teach Mathematics to Scale 1 required from September 1977. The School is a Day and Boarding school.
Full curriculum vitae with telephone number and the names, addresses, and telephone numbers of two referees to Headmaster, Highgate School, London NG 4AY (Tel. 01-340 1342).

PERTHSHIRE
BANNOCH SCHOOL
Callander
Required for September, TEACHER of MATHEMATICS to Scale 1 "O" level, with further SCIENCE.
Should be able to teach Science at "O" level. Prepared to assist with boys' games and some extraneous duties.
Apply for Prospectus and Application form to the Headmaster, Bannoch. Single or married accommodation.
Apply with curriculum vitae and two referees to the Headmaster.

SUFFOLK
ROYAL HOSPITAL SCHOOL
Ipswich
MATHEMATICS TEACHER—refer to advertisement under Maintained Secondary Schools.

SUSSEX
ST. MARY'S HALL
Brighton Church of England Public School
(Approximately 330 girls)
Required for September or September initially part-time to share teaching of MATHEMATICS up to "O" Level in two Groups to "O" "A" Level. Possibility of some "A" Level teaching (traditional) now or later. Summer Scale, Government Scale. Apply in writing in Headmistress, giving details of qualifications, ages and subjects of references.

WEST MIDLANDS
SOLIHULL SCHOOL
SOLIHULL, B91 3AD
Required for September, 1977, a TEACHER to teach Mathematics to Scale 1 (Lower Level) in small form classes, with ability to help with games and societies a recommendation.

English

BRISTOL
COLSTON'S SCHOOL
Stapleton
Required for September 1977 or January 1978
A GRADUATE to second in the English Department and to share teaching of English and Drama throughout the school up to and including "O" level. Preferably with an Honours Degree in English or Drama, or in Drama and Dramatic Art, and experience in addition there is a strong need for a good Drama Specialist.
Applications, together with curriculum vitae and the names of two referees should be addressed to the Headmaster, Colston's School, Stapleton, Bristol. Further details are available on request.

CORNWALL
TRURO CATHEDRAL SCHOOL
Required for January, 1978, a GRADUATE to teach ENGLISH through the Senior School, and to be Librarian. Extracurricular duties according to skills.
House available.
Apply with curriculum vitae and names of three referees, to the Headmaster at same possible.
Details of the school on 0872 of 1977 E.S.N.(M.)

NORFOLK
SOCLES HALL SCHOOL
Gaidemen, Norfolk NR10 3PA
Required for September of this secondary boys' boarding school, TEACHER for ENGLISH to C.S.E. and "O" level.
Resident (non-resident, married accommodation available.
Burnham Scale 1, government superannuation.
Apply in writing to the Headmaster.

SURREY
ROYAL RUSSELL SCHOOL
Coulsdon, Surrey
Surrey CR5 3AX
Required for September, 1977, a Co-educational Day School of seven hundred pupils, a TEACHER of ENGLISH with Willingness and ability to help with games and activities and a Senior Girls' Boarding House will be added during the term.
Please apply by letter in the Headmaster giving full name and address of two referees.
Further details of the school can be found in the Public Schools Year Book, page 773-4.

junior experience, to take a small group of physically handicapped children. The person appointed must be able to work as part of a multi-disciplinary team. Salary from one monthly evaluant and it will be essential that the successful candidate will share residential duties.
Scale 2 may be available for suitably qualified candidate.
Application forms, obtainable from the Chief Education Officer, must be returned to him at P.O. Box 41431, Pond Street, Sheffield S1 1BQ.

SUNDERLAND
COUNTY COUNCIL
EDUCATION DEPARTMENT
SALTON SCHOOL
(Group 4B)
Brampton, Cumberland CA8 1JA
TEACHER required to teach English and develop PHYSICAL EDUCATION and outdoor pursuits in this residential special school for E.S.N.(M.)adolescent senior boys. The post is offered as Scale 1, with possibility of Scale 2 for a suitably qualified and experienced candidate, plus special schools allowance and £200 per annum for 40 hours coverage per week; extraneous duties and accepted-in allowance of £2.01 per night (approximately once in nine nights).
Accommodation, fully furnished with board, offered to a single candidate in partners in school at an emolument of £4.25 per week or, for a married candidate, in a modern bungalow adjacent at a reduction of £204 per annum. Further enquiries to Headmaster at above address.
Applicants should obtain from the Director Education at the address given below a prospectus and application forms.
Removal expenses and temporary accommodation may be granted in appropriate circumstances.
Apply to Director, Civic Centre, Town Hall and Civic Centre, Sunderland SR2 7DN.

WALTHAM FOREST
(London Borough of)
CHINGFORD HOUSE SCHOOL
978 Hale Street, E.17
Required for September, TEACHER required for a class of profoundly handicapped girls aged 12 to 16. We are looking for candidates capable of developing stimulating teaching programmes for largely non-verbal children. Previous experience or training with mentally handicapped children an advantage. Scale 1 post plus Special Schools Allowance and London Allowance.
Application and further information (enclose stamped addressed envelope) from Chief Education Officer, Town Hall, Walthamstow, E17 4JD.
Closing date: 8th July 1977.

LIVELY versatile, half-time, TEACHER required in September to assist in MEDICAL TREATMENT. Ability to teach Biology and Mathematics up to "O" level. Stimulating teaching. Application forms from Principal's Secretary, National Star Centre, Ditchfield Lane, Ditchfield, Cheltenham.

Independent Schools
Headships

LONDON, E.4
INDEPENDENT GRAMMAR SCHOOL
(Girls)
HIGHBURY GROVE SCHOOL
38-72 Highbury Grove, Islington
London N5 2DA
Please see advertisement under DEPUTY HEAD classification.

Deputy Headships
Senior Masters/Mistresses

LONDON, E.4
INDEPENDENT GRAMMAR SCHOOL
(Girls)
HIGHBURY GROVE SCHOOL
38-72 Highbury Grove, Islington
London N5 2DA
Please see advertisement under DEPUTY HEAD classification.

Remedial Posts

SOMERSET
MILLFIELD SCHOOL
Co-educational Boarding School of 1100 pupils, 71 teachers.
Required for September 1977 :
SEN SPECIALIST teacher with special interest in dyslexic pupils. Job with group of colleagues.
Apply to Headmaster, Millfield School, Street, Somerset, giving curriculum vitae and the names of two referees.

By Subject Classification
Art and Design

LONDON, W.6
ST. PAUL'S GIRLS' SCHOOL
Brook Green, Hammersmith
Required from the beginning of the Autumn Term, 7th September, for 18 teaching periods per week, to be spread over the 5 days of a week :
Responsible for the teaching of ART HISTORY to Advanced and Ordinary Level. Art History is offered at school as a subject (Associated Examining Board) and as a subsidiary subject (London Board). It is also offered as a subsidiary subject in Oxford Local Examinations (Ordinary Level (Senior) and Advanced Level (Senior)).
Salary Burnham Scale (Scale 2 or Higher).
Application in writing, the High Mistress giving full curriculum vitae and names and addresses of two referees.

SOMERSET
MILLFIELD SCHOOL
Co-educational Boarding School of 1100 pupils, 71 teachers.
Required for September, 1977, TEACHER for POTTERY. Ability to help with other academic subjects.
Apply to Mr. Ball, Head-Designate, Millfield School, Somerset, giving curriculum vitae and the names of two referees.

Classics

BERKSHIRE
PRESCOTT COLLEGE
53 Bath Road, Reading, Berkshire
Secondary Boarding School
Roman Catholic School
Roll : 250 Boys
Required for September 1977 :
A GRADUATE TEACHER for Lower and Middle Forms. Could be prepared to take additional interesting suitable Supplementary subjects offered.
Burnham Scale according to ass prefer.
Applications with curriculum vitae and the names of two referees to the Headmaster.

NEWCASTLE UPON TYNE
DAME ALLAN'S BOYS SCHOOL
(Direct Grant Independent)
(E.M.S.: 460 pupils: 315 Sixth Form)
Required for September, 1977, well qualified TEACHER of CLASSICS (LATIN throughout) in school on Open Scholarship and to assist with other French or Greek.
Salary Scale Burnham Graduate Scale. Scale or Burnham Scale Allowance.
Normal Burnham Scale. Application forms from Head Master, Dame Allan's Boys School, Fenwick Terrace, Jesmond, Newcastle upon Tyne NE2 2NL.

PLYMOUTH
PLYMOUTH COLLEGE
(Anglican Public Boarding School)
Day and Boarding
Roll : 500 Boys Form 1?0!
Required for September, CLASSICS GRADUATE TEACHER to teach throughout the school in a strong and expanding department. Willingness to accommodation if required for single man.
Applications to the Headmaster, Plymouth College, Plymouth PL4 6BN, with full details and the names of two referees.

Commercial Subjects

CAMBRIDGESHIRE
STUDIO SCHOOLS
(Accredited as official by the Department of Education and Science)
Require TEACHERS of SHORTHAND, TYPEWRITING, ORGANISATIONAL SKILLS for the Studio Secretarial School in Cambridge for the Autumn Term.
Apply in the first instance visa to The Director, Studio Secretarial Schools, Salisbury Villas, Station Road, Cambridge CB1 2JP.

Economics

LONDON, N.W.3
SOUTH HAMPSTEAD HIGH SCHOOL
(G.P.D.S.)
3 Maresfield Gardens
Required for September, 1977, GRADUATE to teach Advanced level ECONOMICS. Some teaching of Government one year only. Could be full time assistant to Mistress in charge of Mathematics or Form-Mistress Lower School.
Apply in writing to Headmistress, giving full details of qualifications, ages and subjects of references.

WEST MIDLANDS
SOLIHULL SCHOOL
SOLIHULL, B91 3AD
Required for September, 1977, a TEACHER to teach ECONOMICS to Scale 1 (Lower Level) in small form classes, with ability to help with other academic subjects.
Willingness and ability to help with games and activities and a Senior Girls' Boarding House will be added during the term.
Please apply by letter in the Headmaster giving full name and address of two referees.
Further details of the school can be found in the Public Schools Year Book, page 773-4.

Geography

BRISTOL
COLSTON'S SCHOOL
Stapleton
Required for September 1977 or January 1978
A GRADUATE to be second in the English Department and to share teaching of English and Drama throughout the school up to and including "O" level. Preferably with an Honours Degree in English or Drama, or in Drama and Dramatic Art, and experience in addition there is a strong need for a good Drama Specialist.
Applications, together with curriculum vitae and the names of two referees should be addressed to the Headmaster, Colston's School, Stapleton, Bristol. Further details are available on request.

CORNWALL
TRURO CATHEDRAL SCHOOL
Required for January, 1978, a GRADUATE to teach ENGLISH through the Senior School, and to be Librarian. Extracurricular duties according to skills.
House available.
Apply with curriculum vitae and names of three referees, to the Headmaster at same possible.
Details of the school on 0872 of 1977 E.S.N.(M.)

NORFOLK
SOCLES HALL SCHOOL
Gaidemen, Norfolk NR10 3PA
Required for September of this secondary boys' boarding school, TEACHER for ENGLISH to C.S.E. and "O" level.
Resident (non-resident, married accommodation available.
Burnham Scale 1, government superannuation.
Apply in writing to the Headmaster.

SURREY
ROYAL RUSSELL SCHOOL
Coulsdon, Surrey
Surrey CR5 3AX
Required for September, 1977, a Co-educational Day School of seven hundred pupils, a TEACHER of ENGLISH with Willingness and ability to help with games and activities and a Senior Girls' Boarding House will be added during the term.
Please apply by letter in the Headmaster giving full name and address of two referees.
Further details of the school can be found in the Public Schools Year Book, page 773-4.

Geography
Heads of Department

ESSEX
CHIGNAL SMEALE COLLEGE
Saffron Walden
Independent boarding school governed by Society of Friends
Roll : 250
(200 scholars 11 to 18, 50 in Sixth Form)
Required in September, or as soon as possible thereafter, HEAD of GEOGRAPHY Department.
Applications including curriculum vitae and the names of two referees should be addressed to the Headmaster.
Details of the school on request.

Other Assistants

LONDON SE3 0NH
Resident TEACHER sought for Geography to 'O' level, and English to 'O' level. Prepared to assist with boys' games, and some extraneous duties.
Salary negotiable. Girl's Grammar, Blackheath, S.E.3. TL-HOS 0062.

LONDON, S.E.12
HYTHAM SCHOOL
Hyltam Road, Lee, S.E.12
Registered for 150 Girls
(600 boys and girls)
Required for September, 1977:
Experienced qualified TEACHER for MATHEMATICS to "O" level.
Apply to the Headmaster giving qualifications and supporting documents and references.

PART-TIME GEOGRAPHY TEACHER wanted in September for small private school, Hampstead. Please write Box 15 5978, The Times, WC1X 8EZ.

History

HAMPSHIRE
STANBRIDGE EARLS SCHOOL
Romsey
HISTORY and ANCIENT HISTORY TEACHER required for September, later if required. Boarding School, very small boarding school (150 girls) specialising in intelligent but not academically gifted girls. Division of Oldwayan Scale, married quarters available. Free accommodation not currently available.
Salary Burnham Group 5 (Minimum), possibility additional payment, possibility additional school, occasional spare time activities required, especially games.
Apply Headmaster enclosing full curriculum vitae, stating two referees.

NORFOLK
ECCLES HALL SCHOOL
Gaidemen, Norfolk NR10 3PA
Required for September of this secondary boys' boarding school, TEACHER for HISTORY with ENGLISH as second subject.
Hirsdent or non-resident, married accommodation available.
Burnham Scale 1, government superannuation.
Applications with names of referees to Headmaster.

YORK
ST. PETER'S SCHOOL
York
Required September, 1977, a HIS-TORY GRADUATE for "O" level and "A" level teaching, preferably interested an added recommendation, ability to help with games and Boy School activities. Salary Burnham Scale.
Further details from the Headmaster.

Mathematics

AVON COUNTY
BIDCOT SCHOOL
Winscombe, Avon. 0934 1PO
ASSISTANT MATHEMATICIAN
Independent Co-educational Boarding School, 300 pupils
Required September 1977, qualified graduate to teach S.M.P. Mathematics up to "O" level. Resident post with special responsibilities for Boarding House in addition. Alternatively, Scale 1 post available for married applicant seeking first appointment.
Full curriculum vitae with telephone number and the names, addresses, and telephone numbers of two referees to Headmaster, Highgate School, London NG 4AY (Tel. 01-340 1342).

LONDON NG 4AY
HIGHGATE SCHOOL
Applications from MATHEMATICIAN is invited for the Senior School to teach Mathematics to Scale 1 required from September, 1977. The School is a Day and Boarding school.
Full curriculum vitae with telephone number and the names, addresses, and telephone numbers of two referees to Headmaster, Highgate School, London NG 4AY (Tel. 01-340 1342).

HERTFORDSHIRE
ST. CHRISTOPHER SCHOOL
Letchworth
A young and enthusiastic ASSISTANT MATHEMATICIAN required in September, to teach throughout the school, right to 13 years, to "O" level, to Scholarship standard; and ability also to teach Science to 13 years. Some teaching will be expected to make a significant contribution to the musical life of the school and to be an active member of the community in general. There is a music department of 3 full time and one part time music staff. A music block is under construction.
Situated in pleasant surroundings, the school caters for a wide range of the educational community of children aged 2 to 18 years, with 100 minute age range in 18 with a school roll of 1,330 boarders. The out-of-class organisation is based on Tutorial Groups. A committed on the school will be required to live in.
Resident or non-resident; salary last about Burnham : Government superannuation.
Applications to the Headmaster with full curriculum vitae and other interests and names of referees.

LONDON, S.W.19
KING'S COLLEGE SCHOOL
Wimbledon Bro 1-17
Visiting TEACHERS required in September for the following:
RECORDER (Music) taught in small groups) 1 day weekly.
GUITAR 1½ days or less weekly.
CLASSOON half day weekly, preferably morning, possibly to be combined with some piano teaching.
Piano 50 Guineas per hour, apply to the Director of Music at the school at the address above.
Salaries and conditions by arrangement.

SOUTH YORKSHIRE
BUNTANBY HALL SCHOOL
Near Hull
Independent School under the Board of Management of Methodist Residential Schools; 400 girls.
TEACHER required for full-time work in the Mathematics Department, main teaching (essential) orchestral and choral experience advantageous.
Please apply urgently to the Headmistress.

SUSSEX
NORTH SCHOOL
Turners Hill, Crawley
Independent Co-educational Boarding School, 330 boys of whom 50 are girls, aged 11 to 18 years.
Required in September, 1977, a TEACHER to teach MUSIC throughout the college and MATHEMATICS in junior forms. This is a non-sabbatical Special Boarding School for normal intelligence aged 11 to 19 years.
Salary: Scale 1 plus special schools allowance. £3,005 to £4,866 per annum plus £360 per annum paid for extra duties.
Accommodation available for a single person. Personal rural situation.
Full details from Headmaster, Hindham, Hudsfield 875.

LONDON, N.6
HIGHGATE SCHOOL
London N.6 4AL
A GRADUATE MATHEMATICIAN is required for G.C.E. MATHEMATICS throughout the school is required for two terms from January, 1978.
Full curriculum vitae with telephone number and the names, addresses, and telephone numbers of two referees to Headmaster, Highgate School, London NG 4AY (Tel. 01-340 1342).

LONDON NG 4AY
HIGHGATE SCHOOL
Applications from MATHEMATICIAN is invited for the Senior School to teach Mathematics to Scale 1 required from September, 1977. The School is a Day and Boarding school.
Full curriculum vitae with telephone number and the names, addresses, and telephone numbers of two referees to Headmaster, Highgate School, London NG 4AY (Tel. 01-340 1342).

PERTHSHIRE
BANNOCH SCHOOL
Callander
Required for September, TEACHER of MATHEMATICS to Scale 1 "O" level, with further SCIENCE.
Should be able to teach Science at "O" level. Prepared to assist with boys' games and some extraneous duties.
Apply for Prospectus and Application form to the Headmaster, Bannoch. Single or married accommodation.
Apply with curriculum vitae and two referees to the Headmaster.

SUFFOLK
ROYAL HOSPITAL SCHOOL
Ipswich
MATHEMATICS TEACHER—refer to advertisement under Maintained Secondary Schools.

SUSSEX
ST. MARY'S HALL
Brighton Church of England Public School
(Approximately 330 girls)
Required for September or September initially part-time to share teaching of MATHEMATICS up to "O" Level in two Groups to "O" "A" Level. Possibility of some "A" Level teaching (traditional) now or later. Summer Scale, Government Scale.
Apply in writing with copies of testimonials, ages and addresses of two referees and giving details of other academic offered, to the Headmistress, St. Mary's Hall, Eastern Road, Brighton, BN2 0JP.

BRISTOL
CLIFTON DOWN SCHOOL
Clifton Down
Required in September, qualified teacher to teach Chemistry to Scale 1 (Lower Level) in small classes, with willingness and ability to assist with other academic subjects and games and activities as an advantage. Non-resident, married accommodation, Burnham Scale, Government Superannuation.
Apply in writing, giving full curriculum vitae and the names of two referees, to the Headmaster.

BRISTOL
COLSTON'S GIRLS' SCHOOL
Stapleton
Required for September, 1977, a GRADUATE TEACHER to teach MATHEMATICS throughout the school, up to 13 years, to "O" level, to Scholarship standard; and ability also to teach Science to 13 years. Some teaching will be expected to make a significant contribution to the musical life of the school and to be an active member of the community in general. There is a music department of 3 full time and one part time music staff. A music block is under construction.
Situated in pleasant surroundings, the school caters for a wide range of the educational community of children aged 2 to 18 years, with 100 minute age range in 18 with a school roll of 1,330 boarders. The out-of-class organisation is based on Tutorial Groups. A committed on the school will be required to live in.
Resident or non-resident; salary last about Burnham : Government superannuation.
Applications to the Headmistress with full curriculum vitae and other interests and names of referees.

LONDON, S.W.19
KING'S COLLEGE SCHOOL
Wimbledon Bro 1-17
Visiting TEACHERS required in September for the following:
RECORDER (Music) taught in small groups) 1 day weekly.
GUITAR 1½ days or less weekly.
CLASSOON half day weekly, preferably morning, possibly to be combined with some piano teaching.
Piano 50 Guineas per hour, apply to the Director of Music at the school at the address above.
Salaries and conditions by arrangement.

SOUTH YORKSHIRE
BUNTANBY HALL SCHOOL
Near Hull
Independent School under the Board of Management of Methodist Residential Schools; 400 girls.
TEACHER required for full-time work in the Mathematics Department, main teaching (essential) orchestral and choral experience advantageous.
Please apply urgently to the Headmistress.

SUSSEX
NORTH SCHOOL
Turners Hill, Crawley
Independent Co-educational Boarding School, 330 boys of whom 50 are girls, aged 11 to 18 years.
Required in September, 1977, a TEACHER to teach MUSIC throughout the college and MATHEMATICS in junior forms. This is a non-sabbatical Special Boarding School for normal intelligence aged 11 to 19 years.
Salary: Scale 1 plus special schools allowance. £3,005 to £4,866 per annum plus £360 per annum paid for extra duties.
Accommodation available for a single person. Personal rural situation.
Full details from Headmaster, Hindham, Hudsfield 875.

Modern Languages

CAMBRIDGESHIRE
THE KING'S SCHOOL
Ely
A MASTER or MISTRESS is required for September, 1977, to teach FRENCH mainly to G.C.E. "O" level and "A" level. Availability of some sixth form work. Ability to assist with games or other subjects an advantage. Applicant must be prepared to help with team games and out-of-school activities.
Salary is in accordance with the Ely Scale, Scale and allowance giving full particulars and the names of two referees should be made to the Headmaster, from whom further details may be obtained.

DERBYSHIRE
MOUNT ST. MARY'S COLLEGE
Spinkhill, via Sheffield S21 3YL
Catholic Public School (M.H.M.C.)
300 boys 13-18
Required for September, 1977, a graduate TEACHER of SPANISH/FRENCH up to "O" level and preferably "A" level.
To teach Latin to "O" level and assist with games as advantage.
Burnham Scale plus according to qualifications.
Write in the first instance for application form to the Headmaster.

OXFORD
LLANGOVEDY COLLEGE
Required for September, 1977, a TEACHER to teach FRENCH throughout the college, with some History in junior forms. The appointee will be expected to carry out pastoral duties and extra-curricular duties.
Applications with curriculum vitae, please, to the Warden, The College, Llandovery, Dyfed.

FIFE
ST. LEONARDS SCHOOL
St. Andrews, Fife
Required in September, 1978, HONOURS GRADUATE to teach SPANISH. Burnham Scale. Government Superannuation.
Please apply to the Headmistress with full curriculum vitae and names of two referees.

HEREFORD
HEREFORD CATHEDRAL SCHOOL
A GRADUATE to teach FRENCH and GERMAN throughout the School in September or January. Burnham Scale 1.
Application in writing to write to the Headmaster giving details of qualifications and names of two referees.

SURREY
Required in September, in this independent day Co-educational GRADUATE of a British University to teach FRENCH at all stages to teaching (preferably resident) for a GRADUATE to teach French. Salary Burnham Scale plus an allowance for boarding duties.
Apply as soon as possible with curriculum vitae and names of two referees to the Headmaster.

SURREY
ROYAL RUSSELL SCHOOL
Coulsdon, Surrey
Surrey CR5 3AX
Required for September, 1977, a Co-educational Day School of seven hundred pupils, a TEACHER of FRENCH with Willingness and ability to help with games and activities and a Senior Girls' Boarding House will be added during the term.
Please apply by letter in the Headmaster giving full name and address of two referees.
Further details of the school can be found in the Public Schools Year Book, page 773-4.

SUSSEX
EASTBOURNE COLLEGE
Required for September, 1977, a GRADUATE TEACHER of FRENCH to teach throughout the school, up to 13 years, to "O" level, to Scholarship standard; and ability also to teach Science to 13 years. Some teaching will be expected to make a significant contribution to the musical life of the school and to be an active member of the community in general. There is a music department of 3 full time and one part time music staff. A music block is under construction.
Situated in pleasant surroundings, the school caters for a wide range of the educational community of children aged 2 to 18 years, with 100 minute age range in 18 with a school roll of 1,330 boarders. The out-of-class organisation is based on Tutorial Groups. A committed on the school will be required to live in.
Resident or non-resident; salary last about Burnham : Government superannuation.
Applications to the Headmistress with full curriculum vitae and other interests and names of referees.

WEST SUSSEX
HURSTPIERPOINT COLLEGE
Hurstpierpoint
Required in September, 1977, a TEACHER of FRENCH to teach throughout the school, up to 13 years, to "O" level, to Scholarship standard; and ability also to teach Science to 13 years. Some teaching will be expected to make a significant contribution to the musical life of the school and to be an active member of the community in general. There is a music department of 3 full time and one part time music staff. A music block is under construction.
Situated in pleasant surroundings, the school caters for a wide range of the educational community of children aged 2 to 18 years, with 100 minute age range in 18 with a school roll of 1,330 boarders. The out-of-class organisation is based on Tutorial Groups. A committed on the school will be required to live in.
Resident or non-resident; salary last about Burnham : Government superannuation.
Applications to the Headmaster with full curriculum vitae and other interests and names of referees.

Physical Education

BRISTOL
COLSTON'S GIRLS' SCHOOL
An Independent Grammar School
Stapleton
Required in September, 1977, a member of staff to teach PHYSICAL EDUCATION throughout the school. A special interest in dance is desirable. Experience in gymnastics would be an advantage.
Apply, with recent testimonials and the names of two referees, to the Headmistress, Colston's Girls' School, Cheltenham Road, Bristol BS6 5RD.

HERTFORDSHIRE
THE PRINCESS HELENA COLLEGE FOR GIRLS
Temple Dinsley, Hitchin.
near Hitchin, Hertfordshire
Roll : 300 (Girls)
Would like to appoint a resident part-time TEACHER of PLAY GAMES (notably Lacrosse) with professional knowledge.
Apply (with telephone number) to the Headmaster.

Religious Education
Heads of Department

WILTSHIRE
MARLBOROUGH COLLEGE
(Boys 13-18, girls 16-18)
Vacancy in one of the posts of HEAD of DEPARTMENT of RELIGIOUS EDUCATION and Preliminary lay and ordained specialists.
Well located library in teaching material and a generous allocation of time. Ability and enthusiasm forward to working in and contributing to the life of a boarding school.
Emoluments and applications, accompanied by a curriculum vitae and the names of two referees, telephone numbers of two referees to the Master, Marlborough College, Wiltshire.

Other Assistants

LONDON
ST. BENEDICT'S SCHOOL
Ealing
Required in September, GRADUATE TEACHER with HISTORY to 'O' level.
Apply Headmaster with curriculum vitae and two referees.

Science
Heads of Department

LINCOLNSHIRE
KEARSLEY SCHOOL
(Kearsley Trust Independent)
Required for September
Temporary PHYSICS GRADUATE to share the teaching of CHEMISTRY to and including "O" level.
Preferably with experience in physics, long or short-term.
Apply in the first well equipped laboratories and a laboratory assistant.
Apply, with full details of qualifications and experience, giving the names of two referees to the Headmistress, Kearsley School, Eastern Road, Brighton BN2 5JP.

BRISTOL

PREPARATORY
continued

Pastoral

CORNWALL
TRURO CATHEDRAL SCHOOL
Required for January 1978 a married HOUSEMASTER, who should be a convinced member of the Church of England, to take charge of the Junior Boarding House (45 boys; seven to 13).
Then board and accommodation in most attractive situation. Teaching in Prep School. Subjects negotiable.
Applications, with curriculum vitae and names of three referees, to the Headmaster as soon as possible. Details of the school on page 791 of 1977 P.S.A.B.

Religious Education

DORSET
Required for September: a TEACHER in SECRETARIAL studies who can also teach small classes of elementary French. Ability to help with games or coaching advantageous. Boarding.
Please write, with curriculum vitae and names of referees, to the Headmaster, The Prospectors' School, Blandford, Dorset, DT11 9AZ.

WARWICKSHIRE
SOUTH WARWICKSHIRE COLLEGE OF FURTHER EDUCATION
The Willows, Alcester Road, Stratford upon Avon
VICE-PRINCIPAL
Required 1st January, 1978, for this Group 4 College
Further particulars and application form can be obtained from this office (s.e.e. please). Closing date 4th July, 1977.
M. L. Ridger, County Education Officer, 22 Northgate Street, Warwick.

COUNTY OF AVON Education Committee
Brunel Technical College, Bristol
Principal F. J. Hawley, MSc
Applications are invited for the post of
HEAD OF DEPARTMENT OF NAVIGATION & MARITIME STUDIES
Applicants should hold an Extra Master's Certificate of Competency, or a Master's (FG) Certificate together with an appropriate Degree. They should have adequate experience both at sea and in Nautical Education.
The Department is Grade III under the 1979 Burnham Report.
The successful candidate will be required to take up the appointment not later than 1st January, 1978.
Further details and application forms (to be returned by 15th July, 1977) from Personnel Office, Brunel Technical College, Ashley Down, Bristol BS7 9BU, quoting post ref. no. 77/25.

CITY OF COVENTRY
THE HILL COLLEGE OF FURTHER EDUCATION
Principal: D. L. Wright, B.A. (Hons.), M.Ed.
HEAD OF DEPARTMENT OF SOCIAL AND COMMUNITY SERVICES GRADE IV
This vacancy occurs as a result of the present Head being appointed to another post within the Local Education Authority.
Applicants should be graduates or professionally qualified with appropriate experience in Further Education.
Salary: Grade IV, £6,756-£7,832 + £312 p.a. + £180 p.a.
Further particulars and forms of application from:—
The Principal, The Hill College of Further Education, The Hill Lane, Coventry CV4 9DX
to whom completed forms should be sent by 8th July, 1977.

Science

DERBYSHIRE
SAINT BONIFACE HALF SCHOOL
Ravenscroft, Derbyshire.
A Catholic Independent Preparatory Boarding (Boys) and Day (Boys and Girls) School requires in September 1977 a qualified TEACHER to teach GENERAL SCIENCE to Common Entrance Level. (Grade I appointment).
Willingness to assist with study and dormitory supervision and the ability to coach Rugby, Cricket, Athletics, swimming advantageous. Bachelor Accommodation available.
Write with Curriculum Vitae and two references to: The Headmaster, Reverend W. B. Watson, S.J. Saint Boniface Hall School, Ravenscroft, Derbyshire S45 4TL. Telephone number Chesterfield (0246 81051).

OXFORDSHIRE
Required for September, qualified TEACHER for GENERAL SCIENCE up to Common Entrance level and some Junior MATHEMATICS. Basic Scale.
Overthorpe Prep Prepatory School for Boys, near Banbury, Oxfordshire. Day school.
Apply in writing to the Headmaster, Mr. Johns Banbury 2144 or 710051.

BUCKINGHAMSHIRE
THE BEACON SCHOOL,
Chesham, Bucks. Amersham (0494) 783421
(100 by boys)
Due to expansion of numbers a science qualified TEACHER is required for January, 1978. Good facilities in modern laboratories. Other subsidiary subjects may be offered as well as applicant has special interest and experience. Is the successful ability to cope with games essential, but social accommodation an advantage.
Attractive resident or non-resident post, for married or single man. Burnham Scale. Government Superannuation.
Apply with curriculum vitae and names of two referees to the Headmaster.

HEREFORD AND WORCESTER
THE DOWNS SCHOOL
Colwall, Malvern
HEADMASTER or Mistress required for September to teach Junior Middle Forms in HOME SCIENCE and some senior HISTORY. Ability to coach games essential, and willingness to join in games with senior section, an advantage.
Single or married accommodation available.
Apply in writing to the Headmaster, with curriculum vitae and the names of two referees.

KENT
TEACHER required for Kindergarten Class, N, for 3 years. Also be qualified.
Three hours daily, Monday to Friday, from September.
Apply: Elkins Park, Lyminge, Kent. (Lyminge 842281).

SURREY
THE PRIORY SCHOOL
Banstead
YOUNG MARTIN required Senior Master for English to run this lively French in middle of the secondary day school (ages 11 to 18).
Rugby and Cricket coaching ability essential. Overtime plus Bursary Fringe and Priory Addition. Non-resident.
Write the Headmaster.

SURREY
Ashtenby School
Hindhead
Required for September, 1977, experienced and qualified TEACHER for Middle School English and MATHEMATICS. Use of games coaching available. Residential accommodation available. Bursary Fringe and Priory Addition. Non-resident.
Salary Burnham with Government Superannuation.
Apply, with names and addresses of two referees, to the Headmaster.

SURREY
COLLINGWOOD HOUSE SCHOOL
Portfield Road, Wallington
(Independent Preparatory Day School of 300 boys)
Required in September, 1977, well qualified TEACHER of MATHEMATICS for Kindergarten class.
Please apply to the Principal at the above address.

WARWICKSHIRE
TEACHER REQUIRED FOR SEPTEMBER
Predominantly HISTORY, but with some other subjects, including Scripture, by Independent Preparatory Bristol
The person appointed must be able to teach games in Common Entrance and Scholarship standards and also be prepared to assist with games (rugby, soccer, cricket, etc.) and be able to settle part in the life of the school.
Burnham salary scale.
Government Superannuation Scheme.
Apply in writing giving full details and names and addresses of two referees, to the Headmaster, Arnold House School, Knilworth Road, Leamington Spa, Warwickshire.

YORKSHIRE
Wanted for September, experienced and enthusiastic preparatory school MASTER to teach HISTORY, ENGLISH LITERATURE and to help with cricket, rugby.
Accommodation available.
Barnsley Hall School, Bromsgrove, Worcs. Telephone: Bromsgrove 72135.

CO-EDUCATIONAL Preparatory School (3-13 years) requires young graduate who will be able to teach Year-Nine and to take games, including football, in exchange for a room in the school. Apply in writing with curriculum vitae and names of referees to The Headmaster, Wycombe Abbey School, High Wycombe, Buckinghamshire. Telephone: High Wycombe 28534.

Colleges of Further Education

Directors and Principals

DURHAM
COUNTY COUNCIL
DURHAM AGRICULTURAL COLLEGE
Applications are invited for the post of VICE-PRINCIPAL
Candidates should have a degree, diploma in Agriculture, preferably by the 1st July, 1977, or as soon as possible thereafter, and a minimum of five years' post-qualification experience in Agriculture, including teaching experience in Further Education.
Salary: Burnham Scale for Principals in Agriculture.
Apply, with full details of qualifications and experience, to the Principal, Durham Agricultural College, Houghall, Durham DH1 1SG, to whom applications should be addressed, not later than 14 days after the date of this advertisement. Previous applications will be reconsidered.

Other than by Subject Classification

BEDFORD
THE QUEEN ALICE HARROW SCHOOL
Cardington Road, Bedford MK42 0BX
Required in September, 1977, a well qualified TEACHER to take charge of a class of junior girls (including, if possible, introductory FORM TEACHER) and to teach ENGLISH EDUCATION to older classes in the Preparatory Department. Please state special subject interests.
Bursary, Burnham Scale 1. Assistance with removal expenses. Other staff benefits.
Applications (no forms) giving curriculum vitae together with the names and addresses of two referees, should be sent in the first instance as soon as possible.

BRISTOL
Required for September, TEACHER of SINGING, INSTRUMENTAL MUSIC and ART to extend growing prep school. Ability to help with boys' games (rugby, soccer, cricket) essential.
Apply, with references, to Headmaster, Tockington Manor, Tockington, Bristol BS32 4NQ.

BUCKINGHAMSHIRE
THE BEACON SCHOOL,
Chesham, Bucks. Amersham (0494) 783421
(100 by boys)
Due to expansion of numbers a science qualified TEACHER is required for January, 1978. Good facilities in modern laboratories. Other subsidiary subjects may be offered as well as applicant has special interest and experience. Is the successful ability to cope with games essential, but social accommodation an advantage.
Attractive resident or non-resident post, for married or single man. Burnham Scale. Government Superannuation.
Apply with curriculum vitae and names of two referees to the Headmaster.

KENT
TEACHER required for Kindergarten Class, N, for 3 years. Also be qualified.
Three hours daily, Monday to Friday, from September.
Apply: Elkins Park, Lyminge, Kent. (Lyminge 842281).

SURREY
THE PRIORY SCHOOL
Banstead
YOUNG MARTIN required Senior Master for English to run this lively French in middle of the secondary day school (ages 11 to 18).
Rugby and Cricket coaching ability essential. Overtime plus Bursary Fringe and Priory Addition. Non-resident.
Write the Headmaster.

SURREY
Ashtenby School
Hindhead
Required for September, 1977, experienced and qualified TEACHER for Middle School English and MATHEMATICS. Use of games coaching available. Residential accommodation available. Bursary Fringe and Priory Addition. Non-resident.
Salary Burnham with Government Superannuation.
Apply, with names and addresses of two referees, to the Headmaster.

SURREY
COLLINGWOOD HOUSE SCHOOL
Portfield Road, Wallington
(Independent Preparatory Day School of 300 boys)
Required in September, 1977, well qualified TEACHER of MATHEMATICS for Kindergarten class.
Please apply to the Principal at the above address.

WARWICKSHIRE
TEACHER REQUIRED FOR SEPTEMBER
Predominantly HISTORY, but with some other subjects, including Scripture, by Independent Preparatory Bristol
The person appointed must be able to teach games in Common Entrance and Scholarship standards and also be prepared to assist with games (rugby, soccer, cricket, etc.) and be able to settle part in the life of the school.
Burnham salary scale.
Government Superannuation Scheme.
Apply in writing giving full details and names and addresses of two referees, to the Headmaster, Arnold House School, Knilworth Road, Leamington Spa, Warwickshire.

YORKSHIRE
Wanted for September, experienced and enthusiastic preparatory school MASTER to teach HISTORY, ENGLISH LITERATURE and to help with cricket, rugby.
Accommodation available.
Barnsley Hall School, Bromsgrove, Worcs. Telephone: Bromsgrove 72135.

CO-EDUCATIONAL Preparatory School (3-13 years) requires young graduate who will be able to teach Year-Nine and to take games, including football, in exchange for a room in the school. Apply in writing with curriculum vitae and names of referees to The Headmaster, Wycombe Abbey School, High Wycombe, Buckinghamshire. Telephone: High Wycombe 28534.

Heads of Department

MERSEYSIDE
THE BOLTON COLLEGE OF TECHNOLOGY
Principal: C. P. Gray, B.A.
Applications are invited for the following post:
HEAD OF Department, Grade III—BUSINESS AND HOUSEHOLD MANAGEMENT.
The vacancy arises because of the retirement of the present Head. Applicants must have academic qualifications in Home Management and Catering, preferably and at least five years' practical experience in a responsible position in the Hotel and Catering Industry. Salary £6,726 to £7,176.
Further particulars and application forms (a stamped addressed envelope must be obtained from the Principal, The Bolton College of Technology, Water Street, St Helens, Merseyside WA10 1HJ.
All application forms should be returned no later than Friday, 15th July, 1977.

WARWICKSHIRE
MID WARWICKSHIRE COLLEGE OF FURTHER EDUCATION
Warwick New Road,
Leamington Spa CV32 5JH
Required as soon as possible, HEAD of DEPARTMENT of COMMUNITY STUDIES.
Applicants should have a degree in the Department of Liberal Studies, Liberal General Studies, Liberal Studies, Social Sciences, Community and Adult Education.
Application form and further particulars from the Principal's Secretary, at the college.
Closing date for receipt of completed application forms, 8th July, 1977.

Other Appointments

AVON COUNTY
FILTON TECHNICAL COLLEGE
Filton Avenue, Bristol BS34 7AT
LECTURER IN MOTOR VEHICLE ENGINEERING
to teach range of Motor Vehicle subjects to Part 2 & Craft and Part 3 technicians level.
Details from Internal Conditions of Service returnable by 4th July, 1977.

BARKING
London Borough of BARKING COLLEGE OF TECHNOLOGY
Applications are invited for the following posts available from September 1, or as soon as possible thereafter:
(1) LECTURER GRADE II (HUMANITIES) for Professional and Management Courses. Applicants should have a degree or professional qualification with suitable business experience.
(2) LECTURER GRADE I (ON-GUARD) for Secretarial Studies—Shorthand, Typewriting, Office Practice, Business Communication, Law, Accompaniment, Commercial and Industrial. Applicants should have a degree and/or 1st or 2nd Society qualifications with suitable practical experience in Business Communications for work in Secretarial Studies Section and Commercial Section.
Salary in accordance with Burnham Technical Scale Lecturer II.
Application forms and details from the Principal, to whom completed forms should be returned by Friday, 8th July, 1977.

DIVON
BIDEFORD DEVON TECHNICAL COLLEGE
Required 1st September, 1977
LECTURER II in ENGINEERING STUDIES
to be responsible for Electrical Engineering and Associated Studies.
Post suitable for first appointment.
Salary Scale (Burnham) £2,469 to £3,377 plus £312 supplementary payment if degree or equivalent.
Applicants should be trained technicians, preferably graduates, with good commercial experience of engineering.
Full details and qualifying forms obtainable from the Principal, Bidefordian Technical College, Bideford, Devon EX39 3LX.
Completed forms should be returned to the Principal within 14 days of the date of this advertisement.

DORSET
SOUTH DORSET TECHNICAL COLLEGE
Westfield Road, Weymouth
Principal: J. Hill, B.A. (Hons.)
LECTURER II in ART, DRAMA and ENGLISH
Applications are invited for a post in the Department of Art, Drama and Liberal Studies.
Applicants should be prepared to teach Art and Drama to Advanced Level and be able to contribute to Liberal Studies in non-teaching courses. Ability to contribute additionally to teaching of a practical discipline in Art and Design.
Further details and application forms are available from the Principal, Dorset College of Higher Education, Cornwall Street, Bournemouth, to be returned not later than July 8, 1977.

BRISTOL
BRISTOL TECHNICAL COLLEGE
DEPARTMENT OF SCIENCE AND MATHEMATICS
Applications are invited for the following post. Duties to commence on 1st September, 1977, or as soon as possible thereafter.
LECTURER II in COMPUTER SCIENCE AND MATHEMATICS
The successful applicant will join a team engaged in the teaching of Mathematics, Computer Science and Computer Studies (C.S.C.S.) Advanced level courses and C.T.I.T. Technician courses.
For appointment at Lecturer II level, previous relevant teaching/practical experience required.
Salary Scale: Lecturer I, £2,469 to £2,877 plus £312 supplementary. Lecturer II, £3,279 to £3,483, and £312 supplementary.
Further particulars and application forms (to be returned by 8th July, 1977) from Personnel Office, Brunel Technical College, Ashley Down, Bristol BS7 9BU, quoting Ref. No. 77/26.

BUCKINGHAMSHIRE
COUNTY COUNCIL
AYLESBURY DEPARTMENT OF EDUCATION AND AGRICULTURE
Stoke Mandeville, Aylesbury, HP21 9PD
Principal: J. Ashby
DEPARTMENT OF BUSINESS AND MANAGEMENT
SENIOR LECTURER (Male/Female) in Secretarial Studies
To be responsible to the MANAGER of the DEPARTMENT, to lecture on a departmental basis, to take seminar classes within the area serviced by the Department, and to be responsible for the administration of a Department and College.
Applicants for the post should be able to teach Office Practice, Shorthand, Typewriting, Office Practice, Business Communications, Law, Accompaniment, Commercial and Industrial. Applicants should have a degree and/or 1st or 2nd Society qualifications with suitable practical experience in Business Communications.
Salary Scale: Lecturer II, £3,279 to £3,483 plus £312 London Allowance.
Further details and application forms available from the Principal of Law and Business Studies (please specify whether male or female) at the above address, to be returned within 14 days of the date of this advertisement.

BIRMINGHAM
EDUCATION SERVICES
BIRMINGHAM COLLEGE OF HIGHER EDUCATION
Applications are invited for amplification of the following post:
SENIOR LECTURER in ART HISTORY
Applicants should be prepared to teach Art History to Advanced Level and be able to contribute to Liberal Studies in non-teaching courses. Ability to contribute additionally to teaching of a practical discipline in Art and Design.
Further details and application forms are available from the Principal, The Bedford College of Higher Education, Cauldwell Street, Bedford, to be returned not later than July 8, 1977.

ESSEX
COUNTY COUNCIL
ESSEX AGRICULTURAL COLLEGE
Hatfield Peverel, CM3 2RB
LECTURER II in ENGINEERING and MECHANICAL STUDIES
Required from 1st September, 1977. Applicants should have Degree and/or equivalent qualifications and experience.
Salary scale: £3,279 to £3,483 plus £312 supplementary.
Application form and further details from the Principal, to be returned within 14 days of the appearance of this advertisement.

GLOUCESTERSHIRE
NORTH GLOUCESTERSHIRE COLLEGE OF TECHNOLOGY
Tewkesbury, Gloucestershire
DEPARTMENT OF BUSINESS STUDIES
LECTURER, Grade II
Required in the above department to teach Industrial Economics and all levels of Business Studies courses. Ability to teach Industrial Economics essential. Salary according to Burnham Technical Scale Lecturer II. Applicants should have a degree or equivalent qualification and preferably some industrial experience.
The post is to be filled by September, 1977, and to be held initially for a period of one year.
Application forms are obtainable from the Principal, Mr. J. Cassidy, to whom they should be returned by 8th July, 1977.

GWENT
COUNTY COUNCIL
GWENT COLLEGE OF HIGHER EDUCATION
Required for 1st September, 1977, a Senior Lecturer in Mining Studies.
Applicants should have a Mining Degree or equivalent and be able to teach Mining Technology to Degree level.
Salary scale £4,413 to £4,869 plus £312 supplementary payment.
Application forms and further details from the Director of Education, County Council, Cwmbran, Gwent, to be returned to the Principal, Gwent College of Higher Education, Pontypool Campus, Pontypool, Gwent.

HAMPSHIRE
HIGHBURY TECHNICAL COLLEGE
Applications invited for the following posts:
(1) LECTURER II (Science or Mathematics)
(2) LECTURER II in MOTOR VEHICLE WORK
(3) LECTURER II in TRAINING (Male or Female)
Applicants should be trained technicians, preferably graduates, with good commercial experience in industry.
Full details and qualifying forms obtainable from the Principal, Highbury Technical College, Portsmouth, Hampshire PO6 2SA.
Completed forms should be returned to the Principal within 14 days of the date of this advertisement.
Salary rates £4,413 to £4,869 plus £312 supplementary payment.

HARROW
Harrow Borough of HARROW COLLEGE OF FURTHER AND HIGHER EDUCATION
Applications invited for the following posts:
(1) SENIOR LECTURER in Health Education and Physical Education
(2) LECTURER in Health Education
Full details of the posts, including the Department and the Department of Health, Education and Science Circular 4/75 are available from the Principal, Harrow College of Further and Higher Education, Harrow, Middlesex HA1 3HE.
Closing date for receipt of completed application forms, 8th July, 1977.

COLLEGES OF FURTHER EDUCATION
continued

HEREFORD AND WORCESTER
COUNTY COUNCIL
WORCESTER TECHNICAL COLLEGE
DEPARTMENT OF BUSINESS STUDIES
LECTURER Grade I—SECRETARIAL SKILLS
Applicants are invited for the post of Lecturer Grade I in Secretarial Skills, to commence duty on 1st September, 1977.
Candidates must have good secretarial qualifications and experience in teaching a wide range of secretarial skills. Applicants should have had relevant experience in industry or commerce and be able to teach advanced secretarial skills. An interest in curriculum development would be an added advantage.
Salary within the scale £2,469 to £4,377 plus £312 supplementary payment.
Application forms and further details may be obtained from the Staff Administrative Officer, Worcester College of Technology, Worcester WR2 6NB.

MID GLAMORGAN EDUCATION AUTHORITY
LECTURING STAFF
YSTRAD MYNACH COLLEGE OF FURTHER EDUCATION
School of Musical Instrument Making and Repair
19 miles from Cardiff
Required, as soon as possible,
LECTURER
to take charge of the School of Musical Instrument Making and Repair.
Applicants should have a high level of craftsmanship in violin making and repair, together with appropriate qualifications and/or good extensive experience.
The successful applicant should be capable of developing the work of the School of Musical Instrument Making and Repair as well as undertaking some lecturing responsibilities.
The appointment will be at Lecturer II level.
Salary scale: £3,279 x £219(5) x £231(2) to £5,493, with 1979 award supplement of £312 and 1977 award supplement ranging from £153 to £180.
Application forms (to be returned by 15th July, 1977) obtainable from the District Education Officer, Ystrad Mynach College, Caerphilly Road, Ystrad Mynach, Hengoed, on receipt of a stamped, addressed, foolscap envelope.
Canvassing will disqualify.

METROPOLITAN BOROUGH OF WOLVERHAMPTON
BILSTON COLLEGE OF FURTHER EDUCATION
Westfield Road, Bilston, Wolverhampton WV14 6ER
Telephone: Bilston 42971/2/3
Principal: J. Inch, B.A.(Hons.), F.G.S., F.R.G.S.
Applications are invited for the following posts to commence duties on 1st September, 1977, or as soon as possible thereafter.
DEPARTMENT OF GENERAL STUDIES
LECTURER I
in English and Communications to "A" Level standard.
LECTURER I
to teach English Language throughout the College, and possibly to give some assistance in the teaching of English Literature.
Salary Scale: Burnham Lecturer I, £2,469-£4,377, plus £312 per annum.
Application forms and further particulars are available from the Principal, to whom completed application forms should be returned within 14 days of the appearance of this advertisement.

City of Manchester Education Committee
THE WYTHENSHAWE COLLEGE OF FURTHER EDUCATION
Department of General Studies
H/107 Lecturer I Sociology with General Studies
H/108 Lecturer I Law
H/109 French with English
Applications are invited for the above posts to teach "O" and "A" level courses. An interest in teaching another subject to at least "O" level or equivalent standard would be an advantage.
Salary: Lecturer I, £2,781-£4,569
Details and application form from the Senior Administrative Officer, The Wythenshawe College of Further Education, Moor Road, Manchester, M23 9SQ, telephone 061-902 9131/2/3, and they should be returned by 1st July, 1977, to the Chief Education Officer, Further Education (F/JG), Crown Square, Deansgate, Manchester M60 3BB.

FIFE REGIONAL COUNCIL
EDUCATION COMMITTEE
CENTRAL FIFE COLLEGE
LECTURES IN CATERING SUBJECTS
The successful applicants will be attached to appropriate departments providing courses for students preparing for the City and Guilds 706/1 and 706/2, 706/3, 706/4, Craft and Ordinary National Diploma in Hotel and Catering Institutional Management.
Applicants must be able to teach Hotel Accounting, Hotel Law, Food Science, Food Production, Food and Beverage Service, Housekeeping, Catering and Nutrition.
Higher National Diploma in Catering and Hotel Management.
City and Guilds 706/5 Advanced Craft.
Cookery.
Applications are invited for a permanent post, or for a period of one year in the case of a temporary appointment.
Salary: Lecturer II Scale (Burnham) £3,279 x £219(5) x £231(2) to £4,483 plus £312 supplementary payment.
Further particulars and application forms may be obtained from the Principal, Central Fife College, Glenrothes, Fife KY6 2RA (enclose stamped addressed envelope).
Housing accommodation may be available in the locality.
Application forms should be returned with stamped addressed envelope to the Director of Education, Fife Regional Council Offices, Wemyss Hall, Kirkcaldy.
Closing date, Friday, 1, 1977.
J. Jones M. Phil., Executive Director.

GWENT
COUNTY COUNCIL
GWENT COLLEGE OF HIGHER EDUCATION
Required for 1st September, 1977, a Senior Lecturer in Mining Studies.
Applicants should have a Mining Degree or equivalent and be able to teach Mining Technology to Degree level.
Salary scale £4,413 to £4,869 plus £312 supplementary payment.
Application forms and further details from the Director of Education, County Council, Cwmbran, Gwent, to be returned to the Principal, Gwent College of Higher Education, Pontypool Campus, Pontypool, Gwent.

HAMPSHIRE
HIGHBURY TECHNICAL COLLEGE
Applications invited for the following posts:
(1) SENIOR LECTURER in Health Education and Physical Education
(2) LECTURER in Health Education
Full details of the posts, including the Department and the Department of Health, Education and Science Circular 4/75 are available from the Principal, Harrow College of Further and Higher Education, Harrow, Middlesex HA1 3HE.
Closing date for receipt of completed application forms, 8th July, 1977.

HERTFORDSHIRE
COUNTY COUNCIL
DACORUM COLLEGE
Marlowes, Hemel Hempstead HP1 1HB
Tel.: Hemel Hempstead 63771
DEPARTMENT OF BUSINESS STUDIES AND SOCIAL SCIENCES
Applications are invited for the post of Lecturer Grade I (Secretarial Studies) to teach Commercial Law and Office Management to teach Commercial Law to G.C.E. level and O.N.C. in Business Studies. Law Background to Business is G.C.E. level and Ordinary level courses. Preferably teachers trained with Degree and Industrial Business experience. Ability to offer assistance with Typewriting an advantage.
Further details and application forms available on request from the Principal. Closing date 8th July, 1977.

HERTFORDSHIRE
COUNTY COUNCIL
HERTFORDSHIRE COLLEGE
St. Peter's Road, St. Albans
Hertfordshire AL1 3RH
Telephone: St. Albans 53273
Required from 1st September, 1977
LECTURER, Grade I, in SCIENTIFIC and GENERAL MATHEMATICS to teach GENERAL and O.N.C. HND including various options responsible for assessed examinations, and to HNC/HND students. The chosen candidate will be able to teach also Mathematics or Physics, Science Studies or Industrial Relations would be an advantage. Candidates should be suitably qualified and have some industrial experience.
Salary, Burnham 1.1 scale £3,279 x £219(5) x £231(2) to £4,483 plus £312 supplement and £153 to £180 allowance pro rata. Superannuation.
Application forms, curriculum vitae and other information may be obtained from the Principal.
Closing date, 7th July, 1977.

ISLE OF MAN
BOARD OF EDUCATION
COLLEGE OF FURTHER EDUCATION
Required for January 1978:
LECTURER II in ELECTRICAL STUDIES, to technician and craft training. Minimum qualifications—H.N.C. in electrical and electronic engineering, plus experience up to O.N.C. level in both electrical and electronic subjects.
Applicants should be suitably qualified with industrial and/or commercial experience and teacher trained.
Terms of application and further particulars obtainable from the Principal, College of Further Education, Douglas. Closing date for receipt of completed forms or application is 8th July, 1977. Interviews will not be held until September.

ISLE OF WIGHT
GREYLANDS COLLEGE
Isle of Wight, Lordshipp
Principal: J. Ashby, M.Sc., F.C.G.A., F.C.W.A., F.C.I.S., F.C.C.A., M.Inst.
PHYSICS TUTOR
There will be a vacancy from 1st September or earlier for a Tutor for Physics to teach Physics—principally 16—preparing for G.C.E. and C.S.E. courses.
The College is an independent Institution of Further and Higher Education, situated in a delightful and pleasant position in the village providing facilities for residential and non-residential accommodation for students of over 16 years of age.
Interested persons should be invited to forward to the Principal, with details of age, qualifications, experience, present and any other employment, present or last position, and other relevant educational details.
A full application will be acknowledged and where appropriate further details of the vacancy and of the College will be forwarded. Salary within a Burnham Scale.
Lecturer I required for 1 September for N.C.T. HND and IAS courses in Aquaculture (Fish).
Salary Scale £3,001-£4,377 plus supplementary payment.
Application forms and further particulars available from the Principal, Lordshipp, Newport, Isle of Wight.
Closing date, 7th July, 1977.

KIRKLEES
METROPOLITAN COUNCIL
DEWSBURY AND KIRKLEES TECHNICAL AND ART COLLEGE
Halifax Road, Dewsbury WF13 2AS
Telephone: Dewsbury 465916
Requires immediately LIBRARIAN—LECTURER II (Grade II).
Post is tenable until 31.7.77.
This is a new post created in consultation with local and locally situated library and information services. Applicants should be qualified Librarians and should have some experience of and aptitude for teaching, in addition they should be a useful teacher with some recent teaching experience and of course have a comprehensive knowledge of library and information sources.
Salary Scale £3,279 to £4,483 per annum (including salary supplement). Further details and application forms may be obtained from the Vice-Principal, Personnel and Staff Development, Dewsbury and Kirkless Technical College, Halifax Road, Dewsbury, WF13 2AS. Closing date: two weeks after the appearance of this advertisement.

KIRKLEES
METROPOLITAN COUNCIL
HUDDERSFIELD TECHNICAL COLLEGE
New Road, Huddersfield
Principal: Dr. H. T. Taylor
DEPARTMENT OF EDUCATIONAL RESOURCES
SAFETY TUTOR—LECTURER II
Applications are invited for the post of Safety Tutor from 1st September, 1977, or as soon as possible thereafter.
The person appointed will advise and assist all Departments in the College, in relation to the Health, Safety and Welfare of students and staff.
Salary Scale: £3,017-£4,053 plus supplementary payment of £312 and £180.
LECTURER I IN ACCOUNTANCY AND ECONOMICS
Lecturer I required for 1 September for N.C.T. HND and IAS courses in Aquaculture (Fish).
Salary Scale £3,001-£4,377 plus supplementary payment.
Application forms and further particulars available from the Principal, Lordshipp, Newport, Isle of Wight.
Closing date, 7th July, 1977.

KIRKLEES
METROPOLITAN COUNCIL
HUDDERSFIELD TECHNICAL COLLEGE
New Road, Huddersfield
Principal: Dr. H. T. Taylor
DEPARTMENT OF EDUCATIONAL RESOURCES
SAFETY TUTOR—LECTURER II
Applications are invited for the post of Safety Tutor from 1st September, 1977, or as soon as possible thereafter.
The person appointed will advise and assist all Departments in the College, in relation to the Health, Safety and Welfare of students and staff.
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LECTURER I IN ACCOUNTANCY AND ECONOMICS
Lecturer I required for 1 September for N.C.T. HND and IAS courses in Aquaculture (Fish).
Salary Scale £3,001-£4,377 plus supplementary payment.
Application forms and further particulars available from the Principal, Lordshipp, Newport, Isle of Wight.
Closing date, 7th July, 1977.

KIRKLEES
METROPOLITAN COUNCIL
HUDDERSFIELD TECHNICAL COLLEGE
New Road, Huddersfield
Principal: Dr. H. T. Taylor
DEPARTMENT OF LIBRARY STUDIES
LECTURER II POST
Applications are invited for the post of Lecturer II to be responsible for an administration and consultation at the Huddersfield Library School, to contribute to the following post in conjunction Department, from 1st September, 1977 or as soon as possible thereafter.
LECTURER, Grade II, to teach subjects on ELECTRICAL INSTALLATION WORK and ELECTRICAL STUDIES courses up to Final City and Guilds level.
Applicants should be suitably qualified and have had wide practical experience in commercial and industrial installations.
Salary (Burnham Scale) Lecturer II £3,279-£4,483 plus supplementary payment (including supplements).
Additions may be given for approved qualifications and industrial experience.
Application forms and further particulars are obtainable from the Principal to whom applications should be returned within 14 days of the appearance of this advertisement. (Please quote Ref.: H.T.S. 207.)

LANCASHIRE
COUNTY COUNCIL
BLACKBURN COLLEGE OF TECHNOLOGY AND DESIGN
Feilden Street, Blackburn, BB2 1LH
Applications are invited for the following posts, to be effective from September, 1977:
NURSING STUDIES: LECTURER Grade II, to teach Pre-Nursing and Health and Community Care Courses, S.R.N. with teaching/tutor qualifications and relevant experience.
ENGINEERING: LECTURER Grade II, to teach theory and workshop practice to N.G.C. Mechanical and City and Guilds Craft and unqualified essential.
Salary: Lecturer Grade II £2,781 to £4,569 (including supplement), with effect from April, 1977.
Further details and application forms from the Principal—completed forms to be returned by Friday, 8 July, 1977.

LEEDS
CITY COUNCIL
DEPARTMENT OF EDUCATION
LECTURER II POST
LEEDS COLLEGE OF BUILDING
North Street, Leeds, LS2 7QT
Telephone: Leeds 30765
Principal: J. Place, F.I.O.B.
DEPARTMENT OF BUILDING SERVICES
Applications are invited for the post of Lecturer II to be responsible for an administration and consultation at the Leeds City and Guilds Craft courses and the Plumbing Nine Trades courses. The successful candidate should be suitably qualified with good industrial experience. Teaching qualifications are essential but not necessary. The College reserves the right to appoint at a lower salary if necessary.
Salary Scale: £3,743 to £4,483. The salary scale will be determined by experience and qualifications. Duties to commence as soon as possible.
Further details and application forms may be obtained from the Principal, Please quote reference BS.P.2.

LEEDS
CITY COUNCIL
DEPARTMENT OF EDUCATION
LECTURER II POST
THOMAS DANBY COLLEGE
Cross Green Lane, Leeds
Tel.: 666 3080
Telephone Leeds 483481
Principal: Dr. R. J. Bailey
DEPARTMENT OF CATERING AND MANAGEMENT CRAFT
Applications are invited for the post of Lecturer II in Catering Subjects, duties to commence as soon as possible. The successful candidate should have a wide knowledge and experience of different types of catering operations particularly in food production. Knowledge of and ability to teach allied subjects would be an advantage. The successful applicant would be required to teach C.G.I.O. courses in Catering and Institutional Operations and Craft courses to students on Food Production and Catering courses. Salary Scale £3,279 to £4,483 per annum (including supplement) with effect from 1st September, 1977 and will be held for the initial period of one year. The post will be held over the Christmas vacation.
Further details and application forms may be obtained from the Principal, Thomas Danby College, Cross Green Lane, Leeds, to whom completed forms should be returned by 8 July, 1977.

LEICESTERSHIRE
CHARLES KEENE COLLEGE OF FURTHER EDUCATION
Painter Street, Leicester
DEPARTMENT OF MODERN LANGUAGES AND GENERAL EDUCATION
Principal: J. Ashby
(1) LECTURER (Grade II) in GENERAL STUDIES to work a wide range of students on Craft and Technician courses.
(2) LECTURER (Grade II) in Further Education to teach in basic literacy and/or R.S.A. courses. Ability to teach Communication Studies.
(3) Temporary LECTURER (Grade II) until 31st August, 1977 to teach mainly English as a second language.
Applications (no forms) should be sent with a full curriculum vitae and names of referees to the Principal at the above address.

CITY OF MANCHESTER EDUCATION COMMITTEE
St. John's College of Further Education
Required September 1st, 1977, Lecturer II to teach Export Marketing and allied subjects including finance and accounts, documentation and transportation on professional and business courses up to and including final level.
Practical export experience and professional qualifications essential.
Salary in the range: £3,744-£5,985.
LECTURER I IN ENGLISH
Required in September, a suitably qualified and experienced person to teach both Literature and Language/Communications within the General and Administrative Studies Department of the College.
The post is concerned with teaching full-time and part-time A level students. Some language work with a variety of professional courses will also be involved.
Applicants should have wide literary interests and a positive approach to examination teaching.
Details and forms of application from the Principal, St. John's College of F.E., Lower Hardman Street, Manchester M3 3FP. Tel. 061-833 9058 (s.a.e. required) to whom they should be returned not later than 8th July, 1977.

CARMARTHEN TECHNICAL AND AGRICULTURAL COLLEGE
Vacancy:
LECTURER IN ENGLISH
Required for 1st September, 1977, a full-time LECTURER (GRADE 1) to teach ENGLISH and COMMUNICATIONS to full and part-time Students in the Department of Business Studies and Public Administration.
Applicants must be graduates in English and must have had full-time teaching experience, including desirably teaching of English in a further education institution.
Further details from the Principal, Carmarthan Technical and Agricultural College, Pibwrlwyd, Carmarthan.

LANCASHIRE COUNTY COUNCIL
BLACKPOOL COLLEGE OF TECHNOLOGY AND ART
Ashfield Road, Bispham, Blackpool FY2 0HB
FACULTY OF CONSTRUCTION AND ENGINEERING
Lecturers Grade I (Temporary Posts) in
WELDING (Ref. No. CE/4)
VEHICLE BODY BUILDING (Ref. No. CE/5)
for the academic year 1977/78.
Salary: £2,781 to £4,869 plus £132 to £180 according to entry point dependent upon qualifications and experience.
Closing date 6 July, 1977.
Further details and application forms from The Principal.

Hereford and Worcester County Council
REDDITCH COLLEGE
1. DEPARTMENT OF MANAGEMENT & PROFESSIONAL STUDIES
Lecturer I in Law
required for 1st September, 1977, for professional and academic courses. Candidates should be professionally and/or academically qualified with relevant experience.
2. DEPARTMENT OF TECHNOLOGY
(Mathematics, Statistics and Computer Unit)
Lecturer I in Mathematics, Statistics and Computers
required for 1st September, 1977. The person appointed will be required to teach a wide range of classes throughout the College, as the Unit operates on an inter-departmental servicing basis.
Applications should be made by letter (no forms), giving details of education, qualifications and experience

COLLEGES OF FURTHER EDUCATION
continued

LEICESTERSHIRE
NORTH-WEST LEICESTERSHIRE TECHNICAL COLLEGE
Castle Donington

Applications are invited for the following posts which are to end from 1st September 1977.

DEPARTMENT OF GENERAL EDUCATION
LECTURER (Grade 1) to teach GENERAL STUDIES to all departments of the college.
LECTURER (Grade 1) (temporary) to teach ENGLISH to G.C.E. 'O' and 'A' levels and to Pre-Nursing students. This appointment is from 1st September 1977 to 31st August 1978.
LECTURER (Grade 1) (temporary) to teach ENGLISH to 'A' level and Business Studies students. This appointment is from 1st September 1977 to 31st December 1977.

DEPARTMENT OF ENGINEERING
LECTURER (Grade 1) to teach WORKSHOP PRACTICE to G.C.E. apprentices. Mining experience would be an advantage and good practical industrial experience is essential.
LECTURER (Grade 1) to teach AUTOMOTIVE ENGINEERING. Practical and supervisory experience in the Road Transport Industry is essential preferably with a Heavy Vehicle plan. An ability to teach General Engineering Workshop Practice would be an advantage.

DEPARTMENT OF BUSINESS AND FINANCE STUDIES
LECTURER (Grade 1) to teach COMPUTER SCIENCE to G.C.E. 'O' and 'A' level and also other MATHEMATICS and PHYSICS A level teaching qualification would be an advantage.
LECTURER (Grade 1) to teach OFFICE PRACTICE SECRETARIAL PROBLEMS and SECRETARIAL CERTIFICATE to secretarial courses and TYPING classes.

Further particulars of the above posts can be obtained from the Principal, Northwest Leicestershire Technical College, Hemsworth Road, Castle Donington, Leicestershire. LE6 2GH.

LINCOLNSHIRE
BOSTON COLLEGE OF FURTHER EDUCATION
HOLBEACH AGRICULTURAL EDUCATION CENTRE

LECTURER I in FARM MACHINERY required from September 1, 1977, to teach agricultural, horticultural and agricultural mechanic students attending day release courses, plus groups of link course students from secondary schools.

Applications are invited from persons holding suitable qualifications and who have had sound practical experience in repair and field operation of farm machinery and tractors.

Further details and application forms may be obtained from the Principal to whom these should be returned as soon as possible.

LINCOLNSHIRE
GRANTHAM COLLEGE OF FURTHER EDUCATION
Stonebridge Road, Grantham, Lincs NG31 9AP

Applications are invited for the following posts commencing September 1, 1977, or as soon as possible therefrom:
LECTURER, Grade 1, in MECHANICAL ENGINEERING mainly to teach a range of subjects within technician courses, to include Physics and Physical Science in N.N.C., G.N.C., G.C.E. courses and Mechanical Technology to the H.N.C. course.

Application forms and further details may be obtained from the Principal, to whom applications should be returned within 14 days of the appearance of this advertisement.

LINCOLNSHIRE
LINCOLN COLLEGE OF TECHNOLOGY

LECTURER Grade 1 in ECONOMICS and STATISTICS

Applicants should possess appropriate academic and/or professional qualifications.

Teaching will be to HND; Part-time day and Executive Secretarial students.

Ability to offer marketing would be an advantage. Candidates must have had some industrial or commercial experience.

Salary: Lecturer Grade 1, £3,429 to £4,377 per annum plus £312 enrolment and possible supplement between £162 and £480.

Further particulars and application forms may be obtained from the Principal, Lincoln College of Technology, Cathedral Street, Lincoln LN2 5HD.

LINCOLNSHIRE
LINCOLN COLLEGE OF TECHNOLOGY

Required for the 1st September, 1977—

LECTURER II—NURSERY NURSING

To be tutor to a well established N.N.E.B. Course and responsible for coordinating the teaching and organisation of the practical placements and assessments. An additional responsibility will be to develop courses related to the pre-school child.

Applicants should be qualified teachers experienced in the care and education of children in a Nursery Class, Nursery School or Infant School and in teaching N.N.E.B. Courses. They should be recognised N.N.E.B. assessors and should hold the Diploma in Early Childhood Education.

Salary: Lecturer Grade II £3,279 to £3,627 plus £312 enrolment plus variable supplement between £162 and £480. Starting point on scale dependent on previous career.

Application forms and further particulars may be obtained from the Principal, Lincoln College of Technology, Cathedral Street, Lincoln LN2 5HD.

LINCOLNSHIRE
Declaration of Post

LECTURER GRADE 1—ACCOUNTANCY

STAMFORD COLLEGE
Drift Road, Stamford
Bursham Scholar Lecturer in Commerce

Required for 1st September, 1977, or as soon as possible thereafter, LECTURER Grade 1 for ACCOUNTANCY.

Applicants should have a degree and/or relevant professional qualifications, supplemented by experience in commerce or industry and preferably a teacher training qualification.

The successful candidate will be required to teach Accountancy at GNC/HNC level. Ability to offer a second teaching subject within the Business Studies field is highly desirable.

Further details and application forms are obtainable from the Principal, Stamford College, Drift Road, Stamford, Lincs. Telephone: Stamford 3141, to whom completed applications should be returned by 4th July, 1977.

LIVERPOOL
EDUCATION COMMITTEE
MARIE CURCHER TECHNICAL COLLEGE
Sandown Road, Liverpool L15 4JS

DEPARTMENT OF HEALTH STUDIES

LECTURER, Grade II, in SOCIAL WORK and HEALTH CARE. Salary Scale £3,744 to £6,084. Ref. 9/77/P.

Applications are invited from suitably qualified social work or course organisers and tutor to the Diploma in Attendance Course in Residential Care and other teaching duties to other courses in the Department.

Candidates should hold a qualification in Social Work or Residential Care and have successful teaching or training experience.

Application forms obtainable from Miss Hammond addressed enveloped and returned to the Principal at the college within 14 days of this advertisement.

LONDON
INNER LONDON EDUCATION AUTHORITY
AVERY HILL COLLEGE
Bexley Road, Eltham, SE9 2PQ
Principal
Mrs. K. E. Jones, M.A., B.Litt.

Applications are invited for the post of SENIOR LECTURER in HOLOGRAPHICAL TECHNOLOGY for one year commencing September, 1977 as a result of Mr. Gabor's retirement leave. The successful candidate will be responsible for introducing holographic techniques into appropriate courses in educational technology and to assist other applications as a central college such as the above, which are necessary and relevant to the college's need and experience in relation to the education needs of the college.

The salary will be in accordance with the Burnham Further Education Scale for Lecturers in Colleges of F.E.

Applicants should have a degree and/or relevant professional qualifications, supplemented by experience in commerce or industry and preferably a teacher training qualification.

Application forms, returnable within two weeks of the date of this advertisement, and further particulars from the Principal to whom completed applications should be returned within 14 days of the appearance of this advertisement.

LONDON
INNER LONDON EDUCATION AUTHORITY
SOUTH EAST LONDON COLLEGE
DEPARTMENT OF COMMUNICATION AND GENERAL STUDIES

TEMPORARY LECTURER I in GENERAL STUDIES
(Ref. GS.28)

To teach liberal and general studies to students on vocational courses, mainly in engineering. This could involve teaching English and Communication Skills, general studies and liberal studies at all levels from craft to H.N.D.

The vacancy arises from the award of one year's leave to another lecturer, and he is expected from 1st September, 1977, to 31st August, 1978.

Salary scales in accordance with the Burnham (F) Scale for Lecturers in Colleges of F.E.

Lecturer I, on incremental scale within the range £3,456 to £4,377 plus £402 Inner London Allowance and supplement between £144 and £402, subject to formal approval, starting point depending on qualifications, training and experience.

Assistance may be given towards household removal expenses.

Application forms, returnable within two weeks of the date of this advertisement, and further particulars from the Senior Administrative Officer, Southwark College, 323 Borough High Street, London SE1 1JA. (Telephone 01-928 0561), to whom completed applications should be returned by 4th July, 1977.

LONDON
INNER LONDON EDUCATION AUTHORITY
SOUTHWARK COLLEGE

Applications are invited for the following temporary posts available from September, 1977 to August 1978:

LECTURER I (Temporary) in BIOLOGICAL SCIENCES to G.C.E. 'O' and 'A' level courses:

LECTURER I (Temporary) in ENGLISH as a FOREIGN LANGUAGE from Beginners to Cambridge Certificate of Proficiency level.

Salary scales in accordance with the current Burnham (Further Education) Report, Lecturer I scale within the range £3,456 to £4,377 (Lecturer II plus £402 Inner London Allowance and supplement of between £144 and £402, subject to formal approval, starting point depending on qualifications, training and experience.

Assistance may be given towards household removal expenses.

Further details and application forms obtainable from the Senior Administrative Officer, Southwark College, 323-331 Borough High Street, London SE1 1JA. (Telephone 01-928 0561), returnable by 6th July, 1977.

LONDON
INNER LONDON EDUCATION AUTHORITY
[illegible] COLLEGE
DEPARTMENT OF GOVERNMENT

[illegible] required for September [illegible] teaching subjects (full-time [illegible]).
[illegible] DEPARTMENT [illegible]
[illegible] GOVERNMENT, GEOGRAPHY, LAW.
Please apply in writing to the Director of Studies, Brixton College of Building and Management, 38 Dorrell Street, London SW2.

LONDON, W.3
ACTON TECHNICAL COLLEGE

LECTURER I in MOTOR VEHICLE MAINTENANCE TECHNICIAN STUDIES

Salary in range £3,456 to £4,377 plus £402 London allowance and £312 enrolment supplement. Applications should be returned within 14 days of the appearance of this advertisement.

Application forms and further details from the Principal, Acton Technical College, Bromyard Avenue, Acton, London W3 7JA (telephone 01-743 0505).

MANCHESTER
CITY OF
EDUCATION COMMITTEE
HULME HALL COLLEGE OF FURTHER EDUCATION
DEPARTMENT OF HOTEL, CATERING AND LEISURE STUDIES

LECTURER in CHILD DEVELOPMENT and FAMILY EDUCATION to work with N.N.E.B. students. Applicants should be Nursery and or Infant teachers with at least five years experience, experience of the needs of disadvantaged children and a sound knowledge of social problems.

Applications may be available from the Senior Administrative Officer, The Manchester Polytechnic, Cavendish Street, Manchester M15 6BG, and should be returned by the 8th July, 1977.

MANCHESTER
CITY OF
EDUCATION COMMITTEE
MONTON HALL COLLEGE OF FURTHER EDUCATION

Astley Lane, Monton, Manchester M30 7RT
Tel.: 789 7608

DEPARTMENT OF COMMERCE AND COMMUNITY EDUCATION

LECTURER I IN SOCIAL WELFARE

Applications are invited from experienced and qualified social workers with a residential care background to teach on a variety of pre-vocational and In-Service courses for residential workers. A teaching qualification would be an advantage.

It is hoped that the successful applicant will assume particular responsibility for the Preliminary Residential Care Course.

Application forms are available from the Senior Administrative Officer, at the above address and should be returned by 8th July, 1977.

MANCHESTER
CITY OF
EDUCATION COMMITTEE
HULME HALL COLLEGE OF FURTHER EDUCATION
DEPARTMENT OF ENGINEERING

REQUIRE TWO LECTURERS I, MECHANICAL ENGINEERING (2 Posts)

Applications are invited for the above posts to teach workshop practice and craft theory to the C.G.L.I. City and Guilds Craft Studies Course, Engineering, Applicants should have a full technological qualification (C.G.I.A.) relevant industrial experience and a teaching qualification or experience would be an advantage. Assistance will be made within the conditions of service. Applicants will be required to work 40 week year.

Salary: Lecturer I, £4,781—£4,680.

Double sided application form from the Senior Administrative Officer, The Wythenshawe College of Further Education, Altrincham Road, Manchester M22 5RG, telephone 061-437 1812/3/4, to whom they should be returned by July 7, 1977.

MANCHESTER
EDUCATION COMMITTEE
THE WYTHENSHAWE COLLEGE OF FURTHER EDUCATION
DEPARTMENT OF HORTICULTURE

LECTURER I IN HORTICULTURE AND HORTICULTURAL SCIENCE

Applications are invited for the above post to teach these subjects to students on various courses, part-time day and evening courses. Applicants should have graduate or diploma qualification in Horticulture and a teaching qualification and/or experience would be an advantage.

Salary: Lecturer I, £4,781—£4,680.

Details and application form from the Senior Administrative Officer, The Wythenshawe College of Further Education, Altrincham Road, Manchester M22 5RG, telephone 061-437 1812/3/4, to whom they should be returned by July 7, 1977.

MIDDLESEX
SOUTHALL COLLEGE OF

LECTURER I in AVIONICS to teach electronic subjects associated with Aeronautical Technician and Craft courses. Suitable qualifications and a knowledge of aircraft electrical and instrument systems and/or aircraft radio, together with practical experience on aircraft and/or aircraft equipment is essential.

LECTURER in ELECTRICAL/ELECTRONIC ENGINEERING PRINCIPLES and related subjects to Technician and B. & G. craft courses: the person appointed should possess, as a minimum qualification, a First certificate of the I.E.E.E. and have had relevant industrial experience. Teacher training and/or teaching experience an advantage.

LECTURER I in MATHEMATICS to teach in "A" level, O.N.C. and O.N.C. courses; the ability to offer Computer Studies at the standard of O.N.C. and G.C.E. 'O' level an advantage. Candidates should have relevant data processing qualifications and experience.

The above appointments to commence on September 1977 or as soon as possible thereafter.

Salary: Lecturer Grade I, £3,456 to £4,377 per annum plus London allowance and supplement £144 to £402.

Further particulars and application forms obtainable from the Principal, Southall College, Nestlands Avenue, Hayes, Middlesex UB3 3BP, to be returned within 10 days of the appearance of this advertisement.

NORFOLK
COUNTY COUNCIL
NORWICH COLLEGE OF FURTHER AND HIGHER EDUCATION

Required for September 1977 one lecturer with an ability to teach GENERAL and MARINE CRAFTS in addition to experience in other particulars and aspects. Apply to the Principal, Norwich College of Further Education, Ipswich Road, Norwich NR4 7TJ, to whom completed application forms should be returned within 14 days of the appearance of this advertisement.

NORTHUMBERLAND
COUNTY COUNCIL
Cottons Hall, Ashington Road
DEPARTMENT OF FURTHER HEALTH AND FASHION
HEALTH and SOCIAL CARE

LECTURER I (Temporary) to cover maternity leave for one year from 1st September 1977. Required for one occasional day a week and occasional evenings. Suitable for unqualified tutors willing, post-Salty, teaching two days.

Salary Scale: Lecturer Grade I £3,393 to £4,404.

LECTURER Grade I in COOKERY EDUCATION (Ref. 19) to work in a fully equipped new Cookery Studio in Blyth. Ability to teach Nursery Nurses and students in Secondary Schools should be an advantage. Qualified Nursery Nurses, Sisters, with a minimum of 3 years' nursery experience.

Salary Scale: Lecturer Grade I, £3,781 to £4,404.

Application forms returnable only on request, quoting relevant vacancy reference, from the Principal.

NORTH YORKSHIRE
(County of)
YORK COLLEGE OF ARTS AND TECHNOLOGY

DEPARTMENT OF BUSINESS STUDIES

LECTURER GRADE II in LAW
GRADUATE IN LAW

Applicants are invited from persons with 'A' level qualifications. The successful candidate will be required to teach on a variety of business studies courses currently operating a department of Lecturer II appointment at Lecturer II level. Good experience of teaching GNAA or university undergraduates is essential.

LECTURER GRADE I in BUSINESS AND MANAGEMENT STUDIES

Applicants should have a good degree and/or professional qualifications and preferably one of more years from a Commercial, Company Secretary, Studies, Marketing, Purchasing, Accounts, Computer Studies, Accountancy.

Salary scales: Lecturer I £3,522 to £4,608 (Lecturer II £3,744 to £4,986, with point according to experience and qualifications.

Further particulars and application forms from: Principal, York College of Arts and Technology, Dringhouses, York YO24 1UA. Telephone: York (0904) 701141. Closing date for applications: 7th July, 1977.

NORTH YORKSHIRE
(County of)
YORK COLLEGE OF ARTS AND TECHNOLOGY

DEPARTMENT OF SCIENCE AND MATHEMATICS

LECTURER GRADE II in APPLIED SCIENCE SUBJECTS

To be responsible for teaching and tutorial work in applied science courses at City and Guilds Craft level, Hairdressing and Cookery candidates should have some teaching experience. Applicants should have had industrial experience and be an advantage.

Salary scale: £3,393 to £4,404.

Application forms and further particulars are available from the Principal, York College of Arts and Technology, Dringhouses, York YO24 1UA. Telephone: York (0904) 701141. Closing date for applications: 7th July, 1977.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF HAIRCUTTING AND HAIRDRESSING
WAVERLEY DEPARTMENT
Mansfield Road
Nottingham NG5 4HG

Required for 1st September or 1st January for 1977 to teach City and Guilds Craft Hairdressing and Cosmetology Candidates should have some teaching experience. Applicants should have had industrial experience and be an advantage.

Salary scale: £3,393 to £4,404.

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF MECHANICAL ENGINEERING
Carlton Road
Nottingham NG5 4GG

Required for 1st September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Motor Vehicle Craft Studies.

Applicants should have had experience in the motor vehicle industry.

Salary scale: £3,393 to £4,404 (Lecturer II) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Workshop Practice.

Applicants should be qualified craftsmen with a recognised City and Guilds Craft Certificate in Engineering and preferably a Technician Certificate.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Electrical Craft Studies.

Applicants should have had experience in the electrical industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Electronics.

Applicants should have had experience in the electronics industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Building Craft Studies.

Applicants should have had experience in the building industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Plumbing Craft Studies.

Applicants should have had experience in the plumbing industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Bricklaying.

Applicants should have had experience in the building industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Carpentry and Joinery Craft Studies.

Applicants should have had experience in the building industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Plastering.

Applicants should have had experience in the building industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Painting and Decorating Craft Studies.

Applicants should have had experience in the building industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Welding.

Applicants should have had experience in the welding industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Vehicle Bodywork.

Applicants should have had experience in the motor vehicle industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Motor Vehicle Craft Studies.

Applicants should have had experience in the motor vehicle industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Mechanical Engineering.

Applicants should have had experience in the engineering industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Welding.

Applicants should have had experience in the welding industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Vehicle Bodywork.

Applicants should have had experience in the motor vehicle industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Mechanical Engineering.

Applicants should have had experience in the engineering industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Welding.

Applicants should have had experience in the welding industry and preferably be craftsmen.

Salary scale: Lecturer Grade I £3,393 to £4,404 (dependent on qualifications and experience) plus London allowance of £144 to £402 per annum (dependent on qualifications and experience).

Application forms and further particulars are available from the Principal, Norton College, Nottingham.

NOTTINGHAMSHIRE
COUNTY COUNCIL
NORTON COLLEGE
DEPARTMENT OF ENGINEERING
Carlton Road, Nottingham

Required for September, 1977, or as soon as possible thereafter, a Lecturer Grade I to teach Motor Vehicle Craft Studies

COLLEGES OF FURTHER EDUCATION
continued

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
PEOPLE'S COLLEGE OF FURTHER EDUCATION
Castle Boulevard, Nottingham
DEPARTMENT OF SCIENCE
TWO LECTURERS Grade I in MATHEMATICS required for 1st September, 1977, or as soon as possible thereafter.

Applicants should be graduates preferably possess a teaching qualification and be prepared to teach Mathematics to O.C.E. Ordinary and Advanced, Ordinary National Certificate and Diploma and O.T.E.C. Technician Courses. Previous experience may be advantageous.

Salary scale: Lecturer Grade I, £2,??? to £4,377, plus supplements of £312 per annum and £132-£480 per annum (dependent upon basic salary). Entry point on the scale according to qualifications and experience.

Application form and further details are available from the Principal at the College (telephone Nottingham 47721).

Closing date, 4th July, 1977.

NOTTINGHAMSHIRE
COUNTY COUNCIL
EDUCATION DEPARTMENT
WEST BRIDGFORD COLLEGE OF FURTHER EDUCATION
Greythorn Drive, West Bridgford, Nottingham
DEPARTMENT OF SCIENCE AND GENERAL STUDIES
LECTURER Grade I in CHEMISTRY. Applications are invited from suitably qualified candidates, duties to be assumed on 1st September, 1977, or as soon as possible thereafter.

The bulk of the work is likely to be teaching to full-time G.C.E. "O" and "A" level and candidates for the post should be able to assume responsibility for examination entries immediately.

Salary scale: Lecturer Grade I—£2,???-£4,377 plus supplements of £312 and £132-£180 per annum (dependent upon basic salary). Entry to the scale according to qualifications and experience.

Application form and further details are available from the Principal at the College (telephone Nottingham 813135).

Closing date, 8th July, 1977.

OXFORDSHIRE
COUNTY COUNCIL
WEST OXFORDSHIRE TECHNICAL COLLEGE
Holloway Road, Witney, Oxon.
BUSINESS AND GENERAL STUDIES DEPARTMENT

Required for September 1st, 1977, a LECTURER, Grade I, in OFFICE SKILLS. Should be able to offer typing, shorthand (including Pitman 2000) and Office Practice/Clerical Duties. Will also be required to take pastoral care responsibility for a group of students.

Application forms and further particulars of the post are obtainable from the Principal at the College.

SALFORD
SALFORD COLLEGE OF TECHNOLOGY
Frederick Road, Salford, M6 6PU
Phone 061-736 6541
Applications are invited for the following posts:
DEPARTMENT OF BUSINESS STUDIES AND MANAGEMENT
SENIOR LECTURER in MANAGEMENT in the PUBLIC SERVICES
LECTURER Grade I in SHORTHAND and TYPEWRITING
LECTURER Grade I in FOREIGN LANGUAGES
LECTURER Grade I in BUSINESS STATISTICS
DEPARTMENT OF SCIENCE
LECTURER Grade II in CHIROPODY
LECTURER Grade I in CHIROPODY
DEPARTMENT OF ENGINEERING
LECTURER Grade I in LIGHT CURRENT ENGINEERING
DEPARTMENT OF ART
LECTURER Grade I in TEXTILES/BASIC DESIGN
DEPARTMENT OF HUMANITIES
LECTURER Grade II in COMMUNICATION STUDIES
LECTURER Grade I in PHYSICAL EDUCATION

Salaries on the Burnham Technical Scale
Senior Lecturer, £5,031 to £5,985.
Lecturer II, £3,379 to £4,493
Lecturer I, £2,469 to £4,377
All plus £312 per annum and other allowances.

Further particulars and forms of application may be obtained from The Principal. Please enclose a stamped addressed foolscap envelope.

SANDWELL
(Metropolitan Borough of)
WARLEY COLLEGE OF TECHNOLOGY
Crocketts Lane, Smethwick, Warley, B66 3BU.
West Midlands

Applications are invited for appointment to the full-time post of LECTURER Grade I in VEHICLE BODY WORK, to commence duties on the 1st September, 1977.

The person appointed will be required to teach theoretical and practical classes, principally in Vehicle Painting but also in other areas in Vehicle Body Work in Vehicle Body Craft Studies Part I and Part II courses. Applicants should hold an appropriate City and Guilds of London Institute final certificate or equivalent qualification. Good industrial experience is essential. Teacher training or experience of full-time or part-time teaching would be an advantage.

Salary in accordance with the Scale of Salaries for Teachers in Establishments of Further Education I.e., £2,459 per annum to £4,377 per annum plus Supplements of £444 to £?03 per annum.

Further particulars and application forms (quoting reference number T/119/CT) may be obtained from The Acting Principal, Warley College of Technology, Crocketts Lane, Smethwick, B66 3BU, Warley, West Midlands, to whom completed applications should be returned within 14 days of the appearance of this advertisement.

SHROPSHIRE
EDUCATION COMMITTEE
SHREWSBURY TECHNICAL COLLEGE
London Road, Shrewsbury
FACULTY OF TECHNOLOGY
LECTURER Grade I in PLUMBING and INDUSTRIAL STUDIES.

To commence duties on the 1st September, 1977, or as soon as possible thereafter. Applications are invited for appointment with the Construction Crafts Section to teach Plumbing and Industrial Studies to Craft students on City and Guilds courses.

Salary will be in accordance with the current Burnham Scale for Further Education Teachers £2,761 to £4,689.

Application forms and further particulars are obtainable from the Principal at the College: Telephone Shrewsbury 51544.

Applications should be returned by Monday, 4th July, 1977.

STAFFORDSHIRE
EDUCATION COMMITTEE
LEEK COLLEGE OF FURTHER EDUCATION
LECTURER in SOCIOLOGY to teach the subject to G.C.E. "O" level and "A" level. Ability to teach Psychology to "A" level as an auxiliary subject is desirable. Duties will commence on 1st October, 1977.

The person appointed will be expected to act as Course Tutor to the full-time Social Sciences "A" level course designed for students who seek a career in social work.

The salary will be in accordance with the Burnham Further Education Scales, Lecturer I, £2,169 to £4,377 plus a supplement of £312 plus April, 1977, pay award.

Application forms and further details are obtainable from the Principal, Leek College of Further Education, Stockwell Street, Leek ST13 6DP.

All applicants are asked to note that it is the County Council's view that it is desirable for their employees to be members of an appropriate trade union.

STAFFORDSHIRE
EDUCATION COMMITTEE
NEWCASTLE COLLEGE OF FURTHER EDUCATION AND SCHOOL OF ART
SENIOR LECTURER IN ART AND DESIGN

Applicants should preferably have a multi-media background with several years teaching experience and proven organising ability at foundation level. In addition to teaching the person will be required to play a major role in assisting the Head of Department with the organisation and running of the Department.

The salary will be in accordance with the Burnham Further Education Scales, Senior Lecturer £5,0?? to £5,985 plus a supplement of £312 p.a. plus April 1977 pay award.

Application forms and further details are obtainable from the Principal, Newcastle College of Further Education, Liverpool Road, Newcastle, Staffs. ST5 2DF.

All applicants are asked to note that it is the County Council's view that it is desirable for their employees to be members of an appropriate Trade Union.

TAMESIDE
COLLEGE OF TECHNOLOGY
FACULTY OF BUSINESS, GENERAL STUDIES AND SCIENCE

Required from September 1st 1977 or as soon as possible thereafter.

1. SENIOR LECTURER in BUSINESS STUDIES (Re-advertisement) to assume responsibility for the organisation of business studies courses in connection with the implementation of BEC schemes and to teach Accountancy to the standards involved in those schemes. Candidates should hold appropriate professional qualifications and have good relevant commercial, public service or industrial experience.

2. LECTURER I in ENGLISH and COMMUNICATIONS to teach on a wide range of business, Secretarial and G.C.E. courses. Candidates should be GRADUATES in ENGLISH and/or experienced TEACHERS of ENGLISH LANGUAGE.

Application forms and further particulars available from the Principal, Tameside College of Technology, Beaufort Road, Ashton-under-Lyne OL6 6NX, to whom they should be returned by 8th July. Reference 10276/TES.

WALTHAM FOREST
(London Borough of)
WALTHAM FOREST COLLEGE
DEPARTMENT OF BUSINESS ADMINISTRATION
LECTURER I/II in QUANTITATIVE METHODS

Required from 1st September 1977. To teach QUANTITATIVE METHODS to ICMA/ACA courses and to assist in the development and teaching of Statistics/Mathematics in a new internal Certificate in Accountancy course. There may also be a requirement to teach Statistics to ONO level. The post may include the responsibility for the organisation of a course and acting as a tutor to a group of students.

Applicants should be well qualified, preferably with an Educational/Accountancy background and with some Commercial or Industrial experience. Some teaching experience or a teaching qualification would be an advantage.

DEPARTMENT OF SCIENCES
LECTURER I in MATHEMATICS AND NUMERACY
Required from September 1977 to teach MATHEMATICS to a wide spectrum of students but the emphasis will be on teaching Arithmetic and Basic Numeracy to less academic students.

DEPARTMENT OF HEALTH EDUCATION, FOOD AND FASHION
LECTURER II required from September 1st 1977 to take responsibility for the organisation and development of the FASHION SECTION.

Good qualifications and teaching experience including City and Guilds 780 essential. Previous applications for this post will automatically be reconsidered.

Salary Lecturer I: £2,915 to £4,959 per annum.

Salary Lecturer II: £3,477 to £5,985 per annum.

Dependent upon qualifications and experience, plus £??? per annum London Allowance.

Application forms and further particulars obtainable from The Principal (Staffing), Waltham Forest College, Forest Road, Walthamstow E17 4JB. Tel.: 01-527 2311 Ext. 209.

Closing date: 8th July, 1977.

WEST SUSSEX
CHICHESTER COLLEGE OF FURTHER EDUCATION
Westgate Fields, Chichester, Sussex PO19 1SB
DEPARTMENT OF BUSINESS
LECTURER I in BUSINESS STUDIES required to teach range of courses to students within Business Studies Department and to students from other departments in servicing capacity. Ability to teach several of following subjects necessary. Commerce, Economics, Business Calculations, Business Affairs.

Applicants should be suitably qualified and preferably teacher-trained.

RESOURCES UNIT
LECTURER GRADE I required to teach C.C.T.V. and AUDIO VISUAL TECHNIQUES for City and Guilds Audio Visual Technicians Certificate, also block release and short courses for teachers and technicians in these subjects. Responsibility to Section Head for day-to-day operation of College C.C.T.V. studio, and Audio and Video Record/Replay service. Experience in C.C.T.V. and A.V. techniques essential. Electrical/electronic background an advantage.

Form and details from Principal on receipt of stamped addressed envelope.

Closing date: 8th July, 1977.

WEST SUSSEX
NORTH EASTERN AREA
CRAWLEY COLLEGE OF TECHNOLOGY
BUSINESS EDUCATION DEPARTMENT
Required 1st September 1977 or 1st January 1978, LECTURER Grade I in SECRETARIAL STUDIES to teach Pitman Shorthand, Typewriting, Secretarial Duties and Office Practice to full-time and part-time students. Ability to offer Structure of Business or English would be an advantage.

Applicants should have teacher training and/or appropriate business experience.

DEPARTMENT OF LIBERAL STUDIES
Required September 1977 LECTURER I to specialise in COMMUNICATIONS.

The College is seeking a teacher-trained graduate who will help to develop relevant courses particularly in B.E.C. Certificate programmes.

Possibility of housing to approved cases.

Salary Scale £2,469 to £4,377 plus £312 1976 supplement plus Phase 2 plus £150 London Fringe Area Allowance.

Form and particulars from, Principal, Crawley College of Technology, College Road, Crawley, Sussex RH10 1NR on receipt of stamped addressed envelope.

Applications to be returned to Principal within 14 days of appearance of advertisement.

WIGAN
(Metropolitan Borough of)
EDUCATION COMMITTEE
LEIGH COLLEGE
DEPARTMENT OF HUMANITIES AND ART
Required for September or January: LECTURER II in MUSIC:
To organize the teaching of Music throughout this new tertiary college, including G.C.E. "O" and "A" level choral work and instrumental tuition, adult education, etc.

The salary will be in accordance with the Burnham Further Education Scale for Lecturer II (£3,141-£5,985).

Application forms and further particulars are obtainable from the Principal, Leigh College, Railway Road, Leigh WN7 4HA to whom they should be returned within 10 days of the appearance of this advertisement.

WILTSHIRE
THE COLLEGE
Swindon
DEPARTMENT OF SCIENCE AND HUMANITIES
LECTURER Grade I in MATHEMATICS

Required for 1st September, 1977, to teach on courses ranging from TEC Diploma to "A" level. A degree and/or teaching qualification is desirable and teaching experience would be welcome.

Further details and application forms on receipt of stamped addressed envelope (to be returned by Friday, 8th July, 1977) from The Principal, The College, Regent Circus, Swindon, Wiltshire.

LIVELY, versatile, full-time, TEACHER required in September to assist in Remedial Department. Students are physically handicapped but required to stimulating teaching. Application forms from: Principal's Secretary, National Star Centre's F.E. College, Ullenwood, Cheltenham.

Education Department

Principal Administrative Officer

Further Education Branch
(Male or Female)
Grade PO1 (c) £5,406 to £6,057 p.a. plus £312 Pay Supplement.

Applications are invited from persons with teaching experience in Further Education and relevant administrative experience for this post which will be concerned with all aspects of the work of colleges and with particular reference to out-county attendance, recoupment, fee scales and Training Services Agency, Technical Education Council and Business Education Council course provision. Duties will also include the maintenance and development of computer-based courses. Application forms and further details from the County Education Officer (G), P.O. Box 47, Threadneedle House, Market Road, Chelmsford CM1 1LD. (Telephone Chelmsford 67222 Ext.: 2808) returnable by 8th July.

Essex County Council

THE TIMES LITERARY SUPPLEMENT

As a result of internal promotion The Times Literary Supplement requires a Sales Executive. The successful applicant, who will be under 35 years of age, will be required to work closely with the Advertisement Manager, selling advertisement space in both the TLS and The Times to publishers in the United Kingdom and abroad. Upon completion of a satisfactory probationary period promotion to Assistant Advertisement Manager will be considered.

An interest in all aspects of publishing is desirable and a foreign language, preferably German or Italian, is required. Salary negotiable, four weeks' three days' holiday rising to five weeks after one year and other fringe benefits.

If you have the above qualifications and feel you would be happy as part of a small but hardworking specialist team please write with details to:

The Employment Manager, Times Newspapers Ltd., P.O. Box No. 7, New Printing House Square, Gray's Inn Road, London WC1X 8EZ.

Colleges and Departments of Art

DEVON
SOUTH DEVON TECHNICAL COLLEGE
Torquay
Required September 1, 1977:—
LECTURER I, Three Dimensional Studies, including JEWELLERY, SILVERSMITHING or FABRIC DESIGN.
Teacher Fellowship one year post. Salary scale, Lecturer I, £2,639 to £4,377, plus £312 supplementary payment. (Placing on scale according to qualifications and experience.)

Applicants should be trained teachers, preferably graduates. Industrial or commercial experience an advantage.

Full details and application forms obtainable from: The Principal, South Devon Technical College, Newton Road, Torquay.
(Please enclose stamped addressed envelope.)
Completed forms to be returned by July 8, 1977.

EAST SUSSEX
COUNTY COUNCIL
COLLEGE OF ART AND DESIGN
Eastbourne
Applications are invited for the following full-time posts as from 1st September, 1977:
LECTURER I in PRINTED TEXTILES
This post requires a person with enthusiasm as a TEACHER and professional experience as a designer; also the ability to teach up to S.I.A. level. Preference will be given to those with a sound practical knowledge of printing.

Application forms obtainable from the Registrar, College of Art and Design, Eversley Court, St. Anne's Road, Eastbourne, Sussex.

ESSEX
HARLOW TECHNICAL COLLEGE
College Gate, The High, Harlow CM20 1LT
(Tel.: Harlow 20131)
DEPARTMENT OF ART AND JOURNALISM
LECTURER I for ART FOUNDATION STUDIES COURSE, required from 1st September 1977. Applicants should be qualified and have potential and experience in undertaking tutorial and course responsibilities.

Salary scale: £2,915-£4,867 per annum (plus Fringe Allowance of £180).

Application form, to be returned by 8th July and further details from the Principal.

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COLLEGES AND DEPARTMENTS OF ART
continued

LONDON
INNER LONDON EDUCATION AUTHORITY
LONDON COLLEGE OF PRINTING
Elephant and Castle
London SE1 6SB
LECTURER II IN GRAPHIC DESIGN

A vacancy exists in the Design Department for a Lecturer II in the area of typography, graphic design and communication, to commence in September.

Applicants should have at least six years' professional experience and, preferably, have experience in teaching Design subjects.

The successful applicant will be required to teach on the Foundation course and the two degree courses within the department, the B.A. (Hons.) Graphic Design and the recently approved Sandwich B.A. (Hons.) Media and Production Design.

Salary Scale: Lecturer II £3,??? to £5,493 plus £402 Inner London Allowance and supplement of between £144 and £312, subject to formal approval.

Further particulars and application forms (returnable within 14 days) are obtainable from the Senior Administrative Officer at the College.

WAKEFIELD
CITY OF
METROPOLITAN DISTRICT COUNCIL
WAKEFIELD COLLEGE OF TECHNOLOGY AND ARTS
School of Art
LECTURER Grade I in GRAPHIC DESIGN (£2,469-£4,377 plus £312 per annum supplement).
To teach on two-year vocational Advertising Design Course. Candidates from Education or Industry with appropriate qualifications and/or considerable studio experience will be considered. Teaching experience will be a valuable asset but not essential.

Requests for application forms and further details (accompanied by a stamped addressed envelope) should be addressed to the Education Department, 8 Bond Street, Wakefield, to be returned by 8th July, 1977.

Polytechnics

Heads of Department

HUDDERSFIELD
THE POLYTECHNIC
HEAD OF DEPARTMENT OF MUSIC
ACA 159
Readvertisement. Previous applicants will be considered.

Applications are invited from persons with high academic qualifications who are leading exponents in the field of music. Courses leading to B.A. (Hons.) in Music and a Graduate Diploma in Music are presently offered by the Department. An undergraduate option in Music in an existing degree and a Masters Degree in Music are planned. The Head of Department will be required to develop and encourage both research activities and advanced studies for staff and students and to maintain a high degree of professional competence in aspects of music practice.

Salary: Burnham Grade V £7,887 to £8,763.

Further details and application forms, which should be returned by 15th July, 1977, from the Establishment Officer, The Polytechnic, Queensgate, Huddersfield HD1 3DH (telephone 0484 22288, Ext. 2291).

Farringdon House Community Home

Child Care Officers

Grade 1 (£1,701-£2,529)
Grade 2 (£2,277-£2,691)
Grade 3 (£2,364-£2,853)
* Plus £312 Pay Award Supplement

To share in the new concept group living situations within various enterprises at Farringdon House. Applicants must have a genuine interest in rehabilitation of adolescent girls, possessing drive, initiative, personality and an ability to interest the girls in a wide range of activities.

Posts are non-residential though accommodation may be found in exceptional circumstances.

INFORMAL ENQUIRIES welcome: Please contact Miss Anne Davies, the Principal, Farringdon House Community Home, Farringdon, Nr. Exeter. Tel. Woodbury 32316.

Application forms from: Director of Social Services, County Hall, Exeter. Closing date: 8 July, 1977.

DEVON

Ealing College of Higher Education
LONDON EHE

Lecturer I
In Professional Cookery
(Re-advertisement)

Required to teach HND/OND plus City & Guilds 706/1/2/3. Candidates should possess a wide trade experience plus appropriate qualifications.

Temporary Lecturer I
In Professional Cookery

Required from 1 September, 1977, for one year only. Applicants should possess good varied industrial experience together with an alert flexible mind alive to the changes of modern industrial practice. Previous teaching experience would be an advantage.

Temporary Lecturer I/II
In German

From 1 Sept, 1977, to 31 Aug, 1978)
To teach predominantly on courses at present based in the School of Hotel Keeping and Catering ranging from beginners' to post A level work.
High level of proficiency in written and spoken German and good background knowledge of German affairs required.

Salary: L/I £2,469 to £4,377 pa; L/II £3,279 to £5,493 pa; plus £402 pa London Allowance and £312 pa salary supplement and 1977 supplement.

Financial assistance towards expenses may be available in the case of the permanent post.

EALING TECHNICAL COLLEGE BECOMES PART OF THE NEW EALING COLLEGE OF HIGHER EDUCATION ON 1 SEPTEMBER, 1977.

Further details available from: The Registrar (TO VG), Ealing Technical College, St Mary's Road, London W5 5RF. Closing date: 8 July, 1977.

Ealing

Universities

CHELSEA
THE COLLEGE
University of London
ASSESSMENT OF PERFORMANCE IN SCIENCE

Applications are invited for work on the Assessment of School Performance in Science which forms part of the programme of the Assessment of Performance Unit of the D.E.S. The work will involve development of a wide range of methods for observation and testing and their application with pupils at ages between nine and 15 years, and will involve collaboration between Chelsea and the Centre for Studies in Science Education at the University of Leeds. One or more posts will be available and appointments will be made for up to five years.

Salary will be within the range £3,333 to £5,??? per annum plus £450 London Allowance. In exceptional cases a higher salary might be offered.

Application forms and further details from Professor P. J. Black, Centre for Science Education, Bridges Place, Fulham, London SW6 4HR. Closing date 11th July, 1977.

GLASGOW
THE UNIVERSITY
AUDIO VISUAL SERVICES
ASSISTANT PRODUCER

Applications are invited from GRADUATES for the post of ASSISTANT PRODUCER in the University's Audio Visual Services. Salary will be on the Grade 1B Scale, £3,??? to £4,811 per annum for Other Related Academic Staff, placement according to qualifications and experience. Appropriate Superannuation Scheme will apply. Practical experience of educational television will be a particular advantage, and a general knowledge of other audio-visual teaching aids would be helpful.

Further particulars may be had from the Secretary of the University Court (Room 1A), the University of Glasgow, Glasgow G12 8QQ, with whom applications (six copies) should be lodged not later than 29th July, 1977.

In reply please quote reference number 3990 F.

IRAN
UNIVERSITY OF BALUCHISTAN
Zahedan, Iran
Applications are invited for posts of LECTURER in E.F.L. Candidates should have a University degree plus a post-graduate qualification in ENGLISH, or T.E.F.L., with at least 3 years teaching experience at University level.

Duties: Approximately 15 hours per week teaching oral and technical English to students of Engineering and Medicine; preparation of materials; assessment of students.

Salary: £7,200 per annum after tax plus housing allowance. Return air fares paid. One-year contract, renewable.

Applications with full details to the Chancellor, The University of Baluchistan, Head Office, P.O. Box ??, Tehran, Iran.

LESOTHO
THE NATIONAL UNIVERSITY
Applications are invited for post of LECTURER/ASSISTANT LECTURER in ENGLISH LANGUAGE, tenable as soon as possible. The appointee will be required to teach a course in Communication Skills to Science students in their first year (i.e. the pre-entrance year of the B.Sc. course) and should have the following qualifications: either a good honours degree in a science subject or a good general degree in science combined with some language teaching experience, or a good honours degree in English, with qualifications in and experience of T.E.F.L. or T.E.S.L. combined with an interest in and knowledge of the natural sciences. Previous experience of teaching in Africa will be an additional advantage.

Salary scales (currently under review): Lecturer R5,924 to R8,376 per annum; Assistant Lecturer R3,748 to R5,348 per annum. (£1 sterling = R1.51.) Non-contributory superannuation for appointees on permanent terms of service. Appointees on contract terms receive 25 per cent gratuity in lieu of superannuation for the first two years of the contract rising to 27½ per cent and 30 per cent for each subsequent and similar period of service. There is a 15 per cent inducement allowance for expatriates not qualifying for any supplementation scheme. Accommodation is available at reasonable rentals. Passages and baggage entitlement on first appointment and normal termination for appointee, wife and dependent children under the age of 21. Education allowance for expatriates. Vacation and study leave.

Detailed applications (three copies) including a full curriculum vitae naming three referees with addresses by 29 July, 1977, to the Administrative Assistant (Appointments), N.U.L., Roma, Lesotho. Applicants resident in the United Kingdom should send one copy to the Secretary, Inter-University Council, 90/91 Tottenham Court Road, London W1P 0DT. Further particulars may be obtained from either address.

MANCHESTER
THE UNIVERSITY
Applications invited for the following posts commencing October 1:—

1. LECTURER IN EDUCATION (Ref. 97/77/TES)

Candidates should be qualified in philosophy of education. The appointee will teach at undergraduate, advanced diploma and Master's degree levels and offer an optional course for P.G.C.E. students.

2. TEMPORARY LECTURER IN EDUCATION (Ref. 98/77/TES)

Candidates for this one-year post should be qualified in psychology of education. The appointee will teach psychology of education and research methods at undergraduate, advanced diploma and Master's degree levels.

3. RESEARCH ASSISTANT IN EDUCATION (Ref. 99/77/TES)

Candidates for this two-year post, concerned with relationships between education and employment, should be social sciences graduates with research experience.

Salary range p.a. £3,333—£5,??? (posts 1 and 2); £2,??4—£4,??0 (post 3). Superannuation.

Particulars and application forms (returnable by July 12) from the Registrar, The University, Manchester M13 9PL. Quote appropriate ref. above.

PAPUA, NEW GUINEA
THE UNIVERSITY OF
PROFESSORSHIP OF EDUCATION

Applications are invited for the above post. The appointee must have had wide experience in teacher education. Experience in developing countries would be an advantage. He/she will be expected to provide leadership within the department in both teaching and research and will also be expected to participate in the Staff Development Programme for national academic staff and provide supervision for Higher Degree students.

The Professor need not necessarily carry any administrative responsibilities although he/she is eligible for election to positions carrying such responsibilities. In 1977 the Department of Education has 12 academic staff members. In addition to the department, the Faculty of Education includes an Educational Research Unit and a Teaching Methods and Materials Centre. From an initial role in the pre-service preparation of graduate high school teachers, emphasis in the department's teaching is now shifting towards in-service work at Diploma and Degree levels with teachers at all levels and with other educators in Papua, New Guinea.

The emerging pattern of degree studies involves a modular approach under which U.P.G. offers a two year Diploma in Secondary Teaching as a first module which is followed in Secondary teaching, after work experience, by a second module offered by the Faculty of Education leading to an in-service B.Ed. degree.

Salary: K19,088 per annum. In addition, an allowance of K1,300 per annum if single is payable. An extra K1,000 Marriage Allowance and K180 per child, child allowance may also be payable. (£1 sterling equals K1.30.) It is hoped that the appointee will take up the appointment early 1978.

Applications should include detailed curriculum vitae, a recent small photograph and the names and addresses of three referees. Conditions include provision of housing, annual leave fares, study leave and F.S.S.U. superannuation. In some cases it may be possible to make an appointment on secondment.

Further details and conditions of appointment are available from the Secretary, U.P.G., Box 4820, University P.O. Papua, New Guinea.

Applicants resident in the United Kingdom should also send one copy of application to Inter-University Council, 90/91 Tottenham Court Road, London W1P 0DT. Closing date July 18, 1977.

UNIVERSITY APPOINTMENTS
are also advertised in
THE TIMES LITERARY SUPPLEMENT

with its world-wide academic readership—the TLS—which is read in 87 countries every week—provides a first-class medium for advertising University Appointments, especially in the Arts and the Humanities. Rates 40p a line (minimum 3 lines), £3.50 a single column centimetre display. To book advertisement space please contact Classified Advertisement Department, The Times Literary Supplement, P.O. Box 7, New Printing House Square, Gray's Inn Road WC1X 8EZ. Telephone 01-837 1234, extension 437.

Fellowships Studentships and Research Awards

CARDIFF
CHEMISTRY DEPARTMENT
UNIVERSITY COLLEGE

Applications are invited from students with a good Honours Degree, or Grad. R.I.C. in Chemistry, for the following SRC/CASE studentships:

(1) "Kinetic Study of Drug/Protein Interactions of Therapeutic Interest" in cooperation with Wellcome Foundation Ltd.

Academic Supervisors: Professor A. O. Evans and Dr. N. R. Rees.

(2) "Mechanism of formation of Free Radicals by Ultraviolet Irradiation of Biological Systems" in cooperation with Unilever Research.

Academic Supervisors: Professor A. O. Evans and Dr. J. C. Evans.

(3) "Synthesis of Surface Concentrated Ultraviolet Stabilisers for Polymer Systems" in cooperation with Ministry of Defence.

Academic Supervisor: Dr. B. D. Owen.

(4) "Catalytic Activity of Platinum and Other Metal Surfaces as Fuel Electrodes" in cooperation with Lion Laboratories, Cardiff.

Academic Supervisor: Dr. R. J. Brookspore.

Applications with details of career, and the names of two referees should be sent to:—Professor A. O. Evans (from whom further details may be obtained), Chemistry Department, University College, Cardiff, P.O. Box 78, Cardiff CF1 1XL.

THOMOND COLLEGE OF EDUCATION LIMERICK

LECTURER AND ASSISTANT LECTURER IN PHYSICAL EDUCATION

Required for 1 October, 1977, a Lecturer and Assistant Lecturer in Physical Education (man or woman). Applications are invited from suitably qualified candidates who have competency and teaching or lecturing experience in at least four of the following areas:
Aquatics, Athletics, Dance, School gymnastics, Girls' games, especially Netball; Camogie, Gaelic Games, Martial Arts, Outdoor Pursuits, Racquets.
The candidates should have the ability to contribute to the theoretical areas of Physical Education, in particular the Sociology of P.E. and sport; the Methodology of teaching P.E. An ability to contribute to in-service courses for serving teachers at either primary or secondary level would be an advantage.
Appointed candidates will be expected to play a full-time part in the supervision of teaching practice and previous experience in this area is desirable but not essential.
SALARY: Lecturer: £6,686-£7,234
Assistant Lecturer: £4,292-£5,384
Plus £100 pa/marriage and £70 pa/child allowances together with other benefits.
Application material available from the Personnel Office, Thomond College of Education, Castletroy, Limerick, Ireland, to be completed and returned by Friday, 8 July, 1977.

BOLTON COLLEGE OF EDUCATION (TECHNICAL)

SENIOR LECTURER IN EDUCATION MANAGEMENT/ ADMINISTRATION

Applications are invited for the above post from persons with good academic qualifications in either Education Management or Educational Administration. Ability to offer Decision-Making Theory within Education Management courses and a capacity to promote Staff Development Initiatives within the Region would be advantageous. The appointee will be expected to share the responsibility for the teaching of management and administrative studies in education on established in-service BEd(Hons) and Advanced Diploma courses and envisaged MEd courses.

Salary: Senior Lecturer Scale.

Forms of application and further details may be obtained from the Senior Administrative Officer, Bolton College of Education (Technical), Chadwick Street, Bolton BL2 1JW to whom completed forms should be returned by July 11, 1977.

Gwent college of higher education
coleg addysg uwch Gwent

SENIOR LECTURER IN CONSTRUCTION

Salary: £5,343-£6,267 (bar)-£6,729 plus £180 supplement

Applicant for the above post should be Professionally qualified to R.I.C.S. or A.I.Q.S. and have suitable industrial/commercial experience. Some teaching experience would also be an advantage. The successful applicant would be involved in teaching mainly Quantity Surveying and related subjects on the following courses.

Higher National Certificate in Building and Civil Engineering.
Professional Courses for I.O.B., I.Q.S. and R.I.C.S. examinations.

The appointment is to commence in September 1977 and the starting point on the salary scale will depend upon previous industrial and teaching experience.

For further details and application forms apply to: Dean of Administration, Gwent College of Higher Education, College Crescent, Caerleon, Gwent NP6 1XJ.

COLLEGE OF ALL SAINTS, LONDON, N17

Readvertisement for: September, 1977, if possible, or January, 1978.

HEAD OF RELIGIOUS STUDIES

(Principal Lecturer in charge of subject)

Courses at B.Ed, and Certificate levels; diversified courses planned.
Negotiations in progress for amalgamation with Middlesex Polytechnic.
Further particulars available.
Apply with full curriculum vitae as soon as possible (closing date 30th June) to:
Principal, College of All Saints, London N17 8HR.
(Tel. 01-808 2842)

Colleges of Higher Education

ESSEX
CHELMER INSTITUTE OF HIGHER EDUCATION
Victoria Road South, Chelmsford CM1 1LL.
(Tel.: Chelmsford 64491.)
DEPARTMENT OF ELECTRICAL ENGINEERING AND APPLIED PHYSICS
LECTURER II, GRADUATE or CHARTERED ENGINEER, required from September, 1977, or as soon as possible thereafter to teach ELECTRICAL ENGINEERING subjects. Interest in Lighting Engineering an advantage.
Salary scale: £3,744 to £5,985 per annum.
Application form, to be returned by 8th July, and further details from the Secretary.

ESSEX
CHELMER INSTITUTE OF HIGHER EDUCATION
Victoria Road South, Chelmsford CM1 1LL.
(Telephone: Chelmsford 64491.)
FACULTY OF EDUCATION ARTS AND HUMANITIES
Required from 1st September, 1977:—
LECTURER II/SENIOR LECTURER in MOVEMENT STUDIES and PHILOSOPHY of EDUCATION.
Contribution required to philosophical area of Movement Studies at University degree level and in practical area to assist with Advanced work in Dance. Work in Educational Philosophy in B.Ed. degree programme.
LECTURER II/SENIOR LECTURER in EDUCATIONAL PSYCHOLOGY to work at all levels including degree. Contributions to selection from Human Growth and Development, Cognitive Psychology, Experimental Psychology and aspects of Social Psychology expected. The Faculty may sponsor research work in the field of identification and assessment.
Salary Scale: Lecturer II £3,744 to £5,985 per annum; Senior Lecturer £5,523 to £6,909 per annum (bar at £6,447).
Application form to be returned by 8th July, and further details from the Secretary.

MANCHESTER
DE LA SALLE COLLEGE OF HIGHER EDUCATION
Middleton
A LECTURER in SILVERSMITHING and INDUSTRIAL DESIGN is required in the Design and Technology Department as soon as possible.
Applicants should have the following qualifications: D.E.S., R.C.A., B.A.(Hons.), or the equivalent.
The successful applicant will be expected to teach the above subjects to B.Ed.(Hons.) and B.A. level; and partake in the teaching programmes of the Professional In-Service Courses (B.Ed.) etc. Conversion Courses and Specialist Courses in Design and Technology for mature students with industrial experience.
The Department of Design and Technology is very well equipped and is housed in a modern purpose built workshop block.
Forms of application may be obtained from the Principal, De La Salle College of Higher Education, Middleton, Manchester M24 5XH.
Completed applications must be received by July 8th, 1977.

Colleges of Education

LONDON
THE UNIVERSITY
GOLDSMITHS' COLLEGE
New Cross, London SE14 6NW
LECTURER GRADE II IN AUDIO VISUAL MEDIA
Applications are invited for the post of LECTURER GRADE II in AUDIO VISUAL MEDIA in the Audio Visual Education Centre. Candidates should be experienced TEACHERS or LECTURERS with practical knowledge of the application of audio visual methods in education. The successful applicant will primarily be concerned with the student and in-service training, but should also have expertise in some aspects of media production, preferably sound or television.
Salary for Lecturer Grade II on scale of salaries for teachers in establishments for further education. London Allowance payable.
Write for further particulars (enclosing a medium sized stamped addressed envelope) to the Personnel Officer, University of London Goldsmiths' College, New Cross, London SE14 6NW, to whom applications should be submitted by the 8th July, 1977.

LONDON
THE UNIVERSITY
GOLDSMITHS' COLLEGE
New Cross, London SE14 6NW
SCHOOL OF EDUCATION DESIGN AND TECHNOLOGY DEPARTMENT
Applications are invited for the following two posts, to start on the 1st September, 1977, or as soon as possible thereafter:—
(1) LECTURER.
(2) PART-TIME LECTURER.
Applicants for both posts should be well qualified by training or by experience to teach DESIGN and the related technology through a wide range of materials. Teaching experience in a college of education or at a Secondary School in the subject area would be particularly welcomed. The Department engages in team teaching and is primarily concerned with courses of initial teacher training, B.Ed., Ordinary and Honours in service courses and retraining courses for teachers both full-time and part-time.
The successful applicant will be expected to assist in the planning and teaching of these courses. Flexibility within the Department may well allow for an appointment of a specialist nature.
Salary on the scale for Lecturer Grade II on scales of salaries for teachers in establishments for further education with pro-rata placing for post 2. London Allowance payable.
Write for further particulars stating clearly which post, and enclosing a medium sized stamped addressed envelope) to the Personnel Officer, University of London Goldsmiths' College, New Cross, London SE14 6NW, to whom application should be submitted by the 8th July, 1977.

NORWICH
KESWICK HALL
CHURCH OF ENGLAND COLLEGE OF EDUCATION
Norwich, Norfolk NR4 6TL.
TEMPORARY LECTURESHIP IN GEOGRAPHY
Applications are invited for a temporary lectureship in Geography for the Autumn Term 1977 only. A special interest in Urban Geography is required. Experience of lecturing or teaching (primary or secondary school) is desirable. The vacancy is due to secondment.
Application forms and further information may be obtained from the Principal, Keswick Hall, Norwich, Norfolk NR4 6TL. The closing date for receiving applications is July 7, 1977.

Teachers' Centres

STAFFORDSHIRE
EDUCATION COMMITTEE
THE CHASE TEACHERS' CENTRE
Cannock
Applications are invited for the appointment of WARDEN at the above centre (Scale 3) to undertake responsibility for the establishment and organisation of the appropriate activities.
Application forms obtainable from and returnable to the Chief Education Officer (Staffing), Education Offices, Tipping Street, Stafford.

Adult Education

ISLE OF WIGHT
COUNTY COUNCIL
TEMPORARY FULL-TIME LECTURER
H. M. PRISON,
Albany, Newport, Isle of Wight
Applications are invited for a temporary full-time appointment in the education staff at this maximum security prison. The vacancy, which results from the secondment of a permanent education officer is for the period 1st September, 1977, to 31st August, 1978, only.
Applicants should normally be qualified teachers with some teaching experience, able to teach one or more subjects relevant to prison education preferably to "O" / "A" level. Some assistance with administrative and supervision of classes will be required, and applicants must be prepared to work at least two evening sessions per week.
Salary and conditions of service are in accordance with the Burnham (F.E.) Scale, Lecturer I (currently £2,913 to £4,860 per annum), starting point determined by qualifications and experience.
Further details and application forms from County Education Officer, County Hall, Newport, Isle of Wight, to whom completed applications should be returned by 8th July, 1977.

LONDON
FULHAM AND SOUTH KENSINGTON ADULT EDUCATION INSTITUTE
Beaufort House School, Lillie Road, SW6 1UF
Required for September, A LECTURER Grade I with appropriate qualifications and some teaching experience to work in the Textile Craft area.
This appointment, whilst including some teaching in the ordinary institute programme, would be particularly concerned with welfare groups, viz., old people, mothers' groups, etc., and candidates should have a special interest in this field of work.
Assistance may be given towards household removal expenses.
Salary in accordance with the Burnham (F.E.) Report, Lecturer Grade I scale within the range £3,[illegible] to £4,[illegible] (plus £[illegible] London Allowance and £312 supplement); starting point dependent upon age, qualifications and experience.
Details and application forms returnable by 8th July, 1977, obtainable from the SAO at the Institute.

LONDON
INNER LONDON EDUCATION AUTHORITY
ELTHAM ADULT EDUCATION INSTITUTE
Holmon Road, S.E.9
Required in January 1978 a HEAD OF DEPARTMENT (III) in FASHION and CREATIVE CRAFTS. Candidates should hold qualifications in a high level in the fashion area and relevant teaching experience in adult education. The ability to lead and inspire a large team of part-time teachers is essential. Duties will include some teaching, supervision of classes and management of the department.
Salary scale: £5,251 to £7,035 plus London Allowance (£402) and supplement of £312 (under review). Assistance may be given towards household removal expenses.
Details and application forms (returnable by 8th July 1977) from the Senior Administrative Officer at the Institute (stamped addressed foolscap envelope).

CITY OF SALFORD
EDUCATION DEPARTMENT
FULL-TIME APPOINTMENTS AT ADULT EDUCATION CENTRES
Applications are invited for the following posts:
(Reference FE/1) LECTURER 1 in ENGLISH.
(Reference FE/2) LECTURER 1 in COMMERCIAL SUBJECTS.
(Reference FE/3) LECTURER 1 in BASIC SKILLS LITERACY and NUMERACY.
These are temporary appointments for one year and are associated with courses offered in collaboration with special of the Manpower Services Commission. Salaries on scale Burnham Scale L.1, £2,[illegible] to £4,377 plus additional supplements.
Application forms and further details from: Chief Education Officer, Education Department, Chapel Street, Salford M3 5LT.

GRAMPIAN REGIONAL COUNCIL
DEPARTMENT OF EDUCATION
COMMUNITY EDUCATION SERVICE

Applications are invited from persons holding qualifications in Youth and Community Service, Adult Education or equivalent for the following posts:—

TEAM LEADER
Reference 280/7
(1) Peterhead (new extension to Peterhead Academy).

COMMUNITY EDUCATION WORKER
Reference 281/7
(2) Aberdeen (Community wing of Summerhill Academy).
(3) Banff Community Centre.
(4) Stonehaven Community Centre.
(5) Garioch Community Centre, Inverurie.
(6) Peterhead (new extension to Peterhead Academy).

ASSISTANT COMMUNITY EDUCATION WORKER
Reference 282/7
(7) Aberdeen (Kincorth Community Centre).
(8) Peterhead (new extension to Peterhead Academy).

Salary Scales: Post 1, APIV (£3,957 to £4,395); Posts 2 to 6, AP III/IV (£3,474 to £4,395); Posts 7 and 8, Youth Leaders (£2,891 to £3,588). In addition a supplement of £312 per annum will be payable.
Further details and application forms may be obtained from the Personnel Officer, Woodhill House, Ashgrove Road West, Aberdeen AB9 2LU. Closing date for applications July 1, 1977.

ARE YOU EXCEPTIONAL?

If you are and you are interested in doing a very taxing but even more rewarding job, we would like to hear from you. Our task concerns teaching in the wider context of assessing and treating problem youngsters in a large and well staffed regional centre. The creation of a very special new unit enhances the already excellent opportunities for training and personal development.

The posts are resident or non-resident with attractive rental and emolument charges. The salary is Burnham 1 plus allowances totalling £1,150 p.a.

Please write to the Principal, Aycliffe School, Copelaw, Darlington, Co. Durham, not later than 11th July, 1977, giving details of education, experience and qualifications.

Remedial Teacher

(Community Home, Chelmsford)

Salary: Burnham Scale II plus allowances totalling £1,443.

Essex Home is a Community Home with education on the premises. The 54 boys aged between 13 and 16, are in the care of local authorities because they are in need of a great deal of adult support in small group situations to enable them to come to terms with their problems, i.e. delinquency, social maladjustment, poor family relationships, education retardation and emotional instability.
We require a qualified teacher with remedial skills to assist boys on an individual basis and in very small groups to improve standards of literacy and numeracy. Additional evening/weekend care or teaching duties by arrangement.
The work at Essex Home is demanding and requires a total commitment to the philosophy on which the home is based. It is therefore important for intending applicants to contact the Principal, A. Stephen, B.Sc., Econ. (Chelmsford 62437) to arrange a visit.
Further details and application forms from Director of Social Services, Kensal House, 77 Springfield Road, Chelmsford, Essex.

Essex County Council

Bexley London Borough

Workers are required for the following full-time posts. Preference given to persons with widest experience.

Crayford & Barnehurst Youth Centre
Warden
Salary £3,902-£4,389 plus £297 L.W.

Belvedere Youth Centre
Deputy Warden
Salary £3,156-£4,020 plus £297 L.W.

Northumberland Heath Youth Centre
Warden
Salary £3,902-£4,389 plus £297 L.W.

Royal Park Youth Centre
Salary £3,902-£4,389 plus £297 L.W.

Posts are under JNC Salaries and Conditions.
Application forms and full details are available from Director of Education, Town Hall, Crayford, Kent, DA1 4EN (Tel.: CY 526290 Ext. 123 or 139).

MOORLAND HOUSE COMMUNITY HOME SCHOOL, WESTWOOD DRIVE, ILKLEY

Moorland House School is a Residential Community Home School for 68 boys aged 9 to 13 years on admission. The education unit was opened in September 1976 and is extensively equipped to provide the best possible teaching environment. The unit is staffed by five full time teachers and two Deputy Heads, each with a half-time teaching commitment. The boys are received from the care of Authorities within the Yorkshire and Humberside Children's Regional Planning Area.

TEACHER OF ART & CRAFTS/GENERAL SUBJECTS - Scale 2
Applications are invited from qualified and experienced teachers who are preferably trained for Junior or Middle School pupils. The person appointed will take responsibility for his own subject and for the display throughout the school.
He/she will have additional responsibility for a class of approximately 10 to 13 boys, many of whom have learning difficulties.
A requirement of the post is that the member of staff undertake out-of-school duties averaging 16 hours per week, for which an amount of £879 p.a. will be paid.
Although this is a residential school, residence is not a condition of appointment. Accommodation with full board and lodging can be available for a single person at the current rate of £411 p.a.

TEACHER OF WOOD & METAL CRAFTS/GENERAL SUBJECTS - Scale 1
The teacher appointed will take responsibility for a class of approximately 10 to 12 boys who have learning difficulties and teach Craft throughout the school. It is hoped the teacher appointed will be able to use a range of materials other than wood and metals and enjoy co-operating closely with the Teacher of Art and Crafts in a co-ordinated programme for some groups. There are also out of school duties for which an additional £879 p.a. will be paid.
A stone-built centrally heated three bedroomed detached house will become available at a current rental of £204 p.a. Alternatively, full board and lodging is available for a single person at £411 p.a.
Although this post entails some residential duties residence is not a condition of the appointment.

ASSISTANT TEACHER OF GENERAL SUBJECTS WITH MUSIC - Scale 1
The teacher appointed will have classroom responsibilities for a group of 8 to 10 children in need of special remedial help. We seek a teacher who has preferably been trained for the younger age range of the school. He/she will take responsibility for the teaching of music to all groups but it is not necessary that he/she should be a music specialist.
This is a non-resident post but accommodation with full board and lodging can be available for a single person at the current rate of £411 p.a.
Generous removal expenses and assistance with legal expenses involved in house purchase are offered to a successful candidate for all posts available.
Eight weeks annual holiday.
The above posts are all available from 1st September 1977 or as soon as possible after that date and further information and/or informal visit can be arranged by contacting the Headmaster, Ilkley 3118 (on or after 29th June 609409).

Application forms are available from the Residential & Day Care Officer, Hillworth Lodge, Oakworth Road, Keighley, West Yorkshire.

City of Bradford Metropolitan Council

Malawi

St. Andrews Secondary School

A Co-educational, Day/Boarding School finely situated in the City of Blantyre, for around 400, principally from expatriate families in Malawi
Requires for January, 1978

HEADMASTER

SALARY: K11,000 (L. 7,500)

BENEFITS: Air passages, baggage allowances, subsidised housing, gratuity, etc.

CONTRACT: 3 years renewable

St. Andrew's at present teaches to G.C.E. 'O' Level. The new Headmaster would be expected to develop an 'A' Level Sixth Form of high standard to make this school comparable to British H.M.C. schools, but with an international character. Please write at once briefly stating qualifications, experience, present position, marital status (plus children's ages) with two referees addresses, enclosing a recent photo to:—

THE CHAIRMAN,
DESIGNATED SCHOOLS BOARD,
P.O. BOX 9,
BLANTYRE, MALAWI.

to reach Blantyre before 10 July.

HONGKONG POLYTECHNIC

THE DEPARTMENT OF ELECTRICAL ENGINEERING

has vacancies for

LECTURERS/SENIOR LECTURERS

to teach Heavy Electrical Engineering. Candidates should possess a specialism in Power Electronics/Field Theory or Control/Instrumentation or Electrical Installation.

General Qualifications

Senior Lecturer (a) A degree or professional qualification, plus preferably an advanced specialist qualification and (b) at least five years' professional experience and (c) substantial teaching and/or industrial/commercial experience (about three additional years) *and* (d) proven administrative ability.
Lecturer (a) A degree or professional qualification or at least a higher technician qualification in the appropriate field of study and (b) at least five years' professional or industrial/commercial experience or at least three years' teaching experience or a suitable combination of professional and teaching experience.

Salaries

Lecturer/Senior Lecturer
HK $36,046 × 11 increments to $69,940 p.a. (BAR) HK $69,420 × 6 increments to $93,540 p.a.
Sterling equivalents at HK $7.8 = £1 is £4,615-£8,727 (BAR), £8,787-£11,841 p.a.
Commencing salary will depend on qualifications and experience.
Appointment will be on a two-year gratuity bearing contract terms initially. Thereafter suitable appointees may be offered further contracts or superannuable terms of service at the discretion of the Polytechnic.
Benefits include passages, long leave, subsidised accommodation, medical and dental treatment, education allowances, and a terminal gratuity equal to 25% of basic salary received over the entire contract period.
Further details obtainable from the Recruitment Unit, TETOC (Technical Education and Training Organisation for Overseas Countries), 35/37 Grosvenor Gardens, London, SW1W 0BS, quoting ref: HKP/TES.
Closing date for receipt of applications: 11 July, 1977.

tetoc

Community Homes and Associated Institutions

HERTFORDSHIRE
SOCIAL SERVICES
BISHOP'S STORTFORD COMMUNITY HOME (SCHOOL)
Sawbridgeworth
TWO TEACHERS are required at this Community Home with education on the premises for 70 boys aged 13 to 16 years.
The persons appointed will join a team of seven teachers and should be able to create a positive and enthusiastic approach to help boys, some emotionally disturbed, delinquent and socially deprived.
One post is for a TEACHER of GENERAL SUBJECTS, some of which are now taken through to C.S.E. level and an interest in remedial work would be an advantage. The second post is also for a TEACHER of GENERAL SUBJECTS but also to specialise in the teaching of Physical Education. Excellent teaching facilities are available.
Modern semi-detached centrally heated houses are available for which rental is charged and in addition there is accommodation for one person for which a residential emolument charge of £468 per annum is made.
Salary for both posts either Burnham 1 or Burnham 2 depending upon experience, plus £[illegible] Approved Schools Allowance, £[illegible] Fringe Area Allowance (if non-resident), all per annum, and Annual Supplement of £312 plus a further Supplement according to salary. These posts also involve participation in the total life of the school community averaging 18 hours weekly extraneous duty for which an allowance of £879 per annum is paid.
Interested persons are welcome to visit the school informally: please telephone the Principal, Mr. P. White, Bishop's Stortford 723337.
Application forms available from the Director of Social Services, County Hall, Hertford, or telephone Hertford 54242, extension [illegible]. Please quote reference [illegible]. Closing date 11th July, 1977.

NORTH TYNESIDE
(Metropolitan Borough Council)
SOCIAL SERVICES DEPARTMENT
NORTHUMBERLAND VILLAGE HOMES
TEACHER; SCALE 1
Experienced TEACHER of BASIC SUBJECTS (Mathematics and English) who can offer in addition one of these specialisms: Science (practical), Music, Drama, Dressmaking and Allied Crafts.
To commence: September 1, 1977.
Former Approved School Allowance: £[illegible].
Seven-and-a-half hours' Extraneous Duty: £139.50 (under review).
Northumberland Village Homes is a Community Home providing education on the premises for 60 girls 11 to 16 years, who have emotional and behavioural problems. The majority have refused school for two years or have been suspended from Day Schools. There are six full-time teachers and part-time assistance. They are specialists who also teach the basic subjects. Education is child-centred within a structured but flexible setting.
Informal enquiries to the Principal, telephone number: Whitley Bay 520105.
Application forms from Personnel Department, North Northumberland Square, North Shields; to be returned with a supporting statement two weeks after the appearance of this advertisement.

Assessment Centres

CHANNEL ISLANDS
STATES OF JERSEY
EDUCATION COMMITTEE
LES CHENES RESIDENTIAL SCHOOL
This new school will provide residential care, assessment and remand facilities for boys and girls aged 10-16 who have been placed in the care of the Education Committee. The possibility exists for enthusiastic staff, eager to participate in an inter-disciplinary approach, to become involved in the evolution of an exciting project.
Three staff vacancies remain for the first phase of the school's development. Applications are invited from teachers, careworkers or others who feel they have relevant experience and interest.
Salary will be paid on a scale £3,[illegible] to £4,[illegible]. Conditions equivalent to those of local civil servants will apply though the post will attract six weeks' annual leave.
For further details and application forms contact the Principal, Les Chenes Residential School, Five Oaks, St. Saviour, Jersey, or telephone (0534) 71068, Extension 411.

Youth and Community Service

CUMBRIA
EDUCATION COMMITTEE
CARLISLE SPORTS CENTRE
Strand Road, Carlisle.
Applications are invited for the post of MANAGER of this flourishing Sports Centre.
Salary Scale Lecturer Grade II £3,744 to £5,985.
Further particulars and application forms available from G. A. Hargreaves, Assistant Director of Education, North East Division, Civic Centre, Carlisle, to be returned by 8th July, 1977.

LINCOLNSHIRE
Applications are invited from qualified TEACHERS with youth service training and experience for the post of YOUTH TUTOR at HORIZON YOUTH CENTRE
Gainsborough
The Centre is adjacent to Middlefield Secondary School.
Salary is JNC Youth Leaders and Community Centre Wardens, Range 3, points 1-5.
Application forms and further particulars are obtainable from the County Education Officer, Lincolnshire County Council, County Offices, Newland, Lincoln, to whom completed forms should be returned within 14 days of the date of this advertisement.

LINCOLNSHIRE
Applications are invited from suitably qualified persons for the post of YOUTH WORKER at SPALDING YOUTH CENTRE
The salary is JNC Scale 2.
The successful candidate will join a full-time youth service staff of [illegible] and the opportunity of involvement in training, activities and events at divisional and county level.
Application forms and further particulars are obtainable from the County Education Officer, Lincolnshire County Council, County Offices, Newland, Lincoln, to whom completed forms should be returned within 14 days of the date of this advertisement.

LONDON, S.E.13
ST. MARY'S CENTRE
Lewisham, London S.E.13
ASSISTANT YOUTH WORKER
Required to assist mainly with a 14-plus mixed race Open Youth Club.
The premises have a new purpose-built extension, and the appointment is to allow for expansion and development of existing Youth Work.
Qualifications are desirable but less important than personality, organising ability and willingness to work in a team.
If qualified, salary (which is 100 per cent grant aided by the I.L.E.A.) is J.N.C. Scale 2, £3,456 to £4,261 (under review) including all additions.
Send stamped addressed envelope for application form and further details to Mrs. M. Birchmore, 12 Ravensbourne Wood Road, London, SE13 2QP.

LONDON, S.W.18
THE ROCK YOUTH CLUB
Earlsfield (S.W.18) Baptist Church
Required, full-time YOUTH LEADER, J.N.C. conditions of service and salary on qualified Scale 3), £4,140 to £4,902, inclusive of London Weighting.
Further details to Rev. A. C. Robinson, 37 Ellerton Road, London SW18 3NH.

ROTHERHAM
(Metropolitan Borough of)
DEPARTMENT OF EDUCATION
OLD HALL COMPREHENSIVE
11-16 Mixed. Over 1,000 on roll
Required for January, 1978.
YOUTH TUTOR. Burnham Scale 3 £3,327-£4,917 or Scale 4 £4,038-£5,820 plus sal. supp.
Applications are invited from suitably qualified and experienced teachers and youth workers.
The person appointed will be responsible for the development of a new youth centre which is based in the school. He or she will assist in the school, and in assisting with the social education of young people in the school. The post is a challenging one, and offers the successful candidate the opportunity to make a significant contribution to the expansion of the Youth and Community Service in the area.
Closing date 8th July, 1977.
Application forms may be obtained by sending a foolscap stamped addressed envelope to the Principal Recruitment Officer, Education Office, Municipal Offices, Howard Street, Rotherham. Tel. 2121. Ext. 2357.
S. W. Ellis, Director of Personnel Resources.

SUNDERLAND
SUNDERLAND CATHOLIC YOUTH CENTRE
Full-time YOUTH and COMMUNITY WORKER, J.N.C. III, required for purpose-built central youth club from July 18th.
Application forms and further information (stamped addressed envelope) from Secretary, Catholic Youth Centre, Sans Street, Sunderland, Tyne and Wear.

TYNE AND WEAR
BLAYDON YOUTH CLUB
Required a LEADER in charge from September, 1977. Salary and conditions in accordance with the eleventh report of J.N.C. Scale £3,771 to £4,346 plus £312 supplement. This is a thriving voluntary organization with over 1,000 members and an a.s.s.a. of 100 plus.
Further details can be had from Ken Dixon, Blaydon 4341.
Applications should be in writing including the names and addresses of two referees and forwarded to Blaydon Youth Club, Shibdon Road, Blaydon on Tyne, Tyne and Wear, NE21 6PT. Closing date for applications Friday July 15th, 1977.

JUNIOR TEACHERS
MIDDLE EAST

Primary trained teachers required for established English Community School in Abu Dhabi, United Arab Emirates. To include a teacher with recent experience of girls' Common Entrance examination / boarding school entry examinations for boys and girls; a form teacher with experience of and an interest in teaching Music; class teachers currently teaching 7 to 11-year-old children.

Applicants (aged 25-45) must have a minimum of five years' relevant and current teaching experience and be of unmarried status.

Two-year contract with bonus on completion; approximately 60 days' annual home leave with paid passage to the UK; competitive remuneration; outfit allowance; free furnished, air-conditioned accommodation provided.

Applications to be received not later than 8th July for interviews to be held in London during the week commencing 18th July, 1977.

Please write giving details of age, qualifications and experience to date, to Box TES 2637, The Times, WC1X 8EZ.

THE ARMIDALE SCHOOL

ARMIDALE, N.S.W. AUSTRALIA

Director of MUSIC

A vacancy exists from the 14th September, 1977, for an Organist-Choirmaster in an Anglican Boarding and Day School, together with Class Music Tuition, training for an Annual Opera and an Annual Musical. Present incumbent has been appointed to the Anglican Cathedral in Perth.

Apply to the Headmaster,
THE ARMIDALE SCHOOL,
Armidale, N.S.W. 2350,
AUSTRALIA.

EFL Teaching in Iran

Our subsidiary company, Millbank Technical Services Ltd., has vacancies for teachers of English as a foreign language for the Technical High School at Masjid-I-Suleiman in Iran. Candidates must have a teaching diploma and a TEFL qualification.

Salary is approximately £8600 pa with a terminal leave payment and gratuity of £1686.

Appointment will be on unaccompanied status for 12 months in free accommodation.

Please send full details of qualifications and experience quoting MN/641/TD, to

Crown Agents

The Crown Agents for Oversea Governments and Administrations, Appointments Division, 4 Millbank, London SW1P 3JD.

THE BRITISH SCHOOL OF BRUSSELS

seeks applicants for the following part-time vacancies in the Upper School (age range 12-18 years) for September 1977. Applications invited also from those offering combinations of any two.

A Physical Education Teacher
with specialist P.E. training offering coaching in at least one major sport.

Administrative/Supervisory Assistant
for Sports Centre, assisting Manager. Work involves evenings and weekends.

Chemistry Teacher
up to O-level, preferably with Nuffield experience.

Domestic Studies Teacher
qualified and experienced in all aspects of Domestic Studies up to A-level.

Applications in writing, giving full details of training and experience, to : Alan Humphries, O.B.E., M.A., The Headmaster, The British School of Brussels, Steenweg op Leuven 15b, 1980 Tervuren, Belgium.

YOUTH AND COMMUNITY SERVICE continued

WEST SUSSEX
SOUTHERN AREA
(SERIBURY YOUTH AND COMMUNITY SERVICE)
Required September, YOUTH WORKER for West Worthing based at Roso Wilmot Youth Centre. Salary Scale J.N.C. 2 £3,034 to £3,849, plus 1977 Award.
For informal discussion regarding post contact Mr. B. Ralls, Youth and Community Officer (Worthing 502600, Extension 213).
Details and form from Area Education Office (YCO), 18 Mill Road, Worthing, on receipt of stamped addressed foolscap envelope.

Overseas Appointments

TURKEY
Single TEACHERS of MATHEMATICS, INTEGRATED SCIENCE for Boys' Secondary School in Tarsus and Girls' Secondary School in Izmir. Single TEACHER of CHEMISTRY, INTEGRATED SCIENCE for Girls' Secondary School in Istanbul.
Applicants must have a university degree in teaching field and teaching certificate or diploma.
For information and application forms write to Dr. Frederick D. Shepard, American Collegiate Institute, Itorinno, Izmir, Turkey.

GREECE
Qualified ENGLISH TEACHER wanted by private Greek School in Lamia. Contract from October 1977-May 1978. Please send curriculum vitae, photograph and recent testimonial.
Apply to Frodisteris Bourgou, Lamia, Greece.

ARGENTINA
NORTHLANDS
Buenos Aires
Argentina
Day school for English-speaking girls aged 6 to 18.
Requires for Senior School for March, 1978, qualified experienced women TEACHERS.
One for GEOGRAPHY to "O" level.
One for RELIGIOUS KNOWLEDGE to "O" level.
Initial contract for 2 years. Passage paid both ways. Board, residence and medical attention provided. Salaries by agreement. Interviews in London in July. Applications and copies of recent testimonials to Mrs. Mary Mrindeo, Rodney House, Dolphin Square, London, SW1V 3LR.

QATAR
DOHAR ENGLISH SPEAKING PRIMARY SCHOOL
Doha, Qatar
TEACHING STAFF required for September, 1977. Required for September, 1977, for expanding schools in Doha, Qatar, Arabian Gulf, experienced Infants Teachers.
The schools are run on modern British Primary School lines and cater for mainly British children plus the small number of English speaking children of other nationalities. Active interested teachers wanted prepared to play a full part in extra-curricular activities.
Excellent tax free salaries, free air-conditioned shared accommodation, free electricity, car allowance, paid home leave with air fare after one year. Gratuity at end of service.
Interviews in London after July 16th.
Please apply with curriculum vitae, names of two referees and two testimonials and a recent photograph by July 7th, giving a telephone number for contact on July 8th. Mrs. E. Bennland, 84 The Hall, Foxes Dale, Blackheath, London, S.E.3.

SINGAPORE
SENIOR INFANT MISTRESS to lead large Infant Department in British curriculum Preparatory School.
Applicants should have at least seven years' relevant experience.
Salary scale $S1,100 to $1,751 per month. Consolidated allowance of $S1,200 per month. Medical and passage benefits.
Interview in United Kingdom.
Please send brief curriculum vitae to Education Adviser, Tanglin Trust Limited, 8-9 Winchester Road, Alexandra Park, Singapore 5. Full details and application forms will be sent to first applicants whose experience fit our requirements.

CANADA
CLASS MUSIC TEACHERS (female) required for Protestant and R.C. Elementary Schools in Newfoundland.
Applications welcomed from recently qualified teachers.
Salary for two "A" levels plus teacher training with specialist qualifications $11,964 to $15,837. For degree plus teacher training $13,808 to $19,379.
Applications immediately to D. A. Jolly, Heath Farm, Bradfield, Manningtree, Essex, England.

FINLAND
We are a private language school teaching adults in attractive and well equipped premises in the centre of Helsinki, and we are looking for qualified, experienced TEFL TEACHERS to join our staff next autumn. Contract: approximately 10 months from next September, with possibility of renewal.
Qualifications: T.E.F.L. training, R.S.A. Teachers' Certificate, or post-graduate degree in Applied Linguistics, plus two years' experience.
If you are interested in coming to Finland, apply with curriculum vitae for further information to Box TLS 2085, The Times, WC1X 8EZ.

AFRICA
TEACHERS (all subjects) urgently needed in Catholic mission schools throughout Africa. We require practising Christians who can express their commitment through dedicated service for this challenging worthwhile work. Volunteer terms.
Please send postage for reply, VMM, 1 Victoria Road, London NW7 4BA.

GREECE
Wanted: ENGLISH native, qualified TEACHER, main subject English, to work in an English Language School in Lamia. 5-day week, salary 10,000 dr. a month to start July 1.
Send copies of certificates, a recent photograph and telephone number to Mr. J. Linkoyiannis, 1 Venizelou, St. Lamia, Greece.

SPAIN
Madrid
KING'S COLLEGE has a vacancy for September for a PHYSICS TEACHER to teach to "O" and "A" levels.
Applications with curriculum vitae, names of referees and a recent photograph to the headmaster, King's College, Avda. Sluyrk, 1 Madrid, 16.

GERMANY
ENGLISH TEACHER required from 1st September 1977. Knowledge of German useful but not condition.
Applicants please reply stating qualifications to Bendikt-Sprachschule, Bahnhofstr. 8, D-3000 Hannover 1.

JAPAN
E.F.L. TEACHERS needed by Bianion School of English in Tokyo, Japan. T.E.F.L. Dips. and experience essential. Posts fall vacant October, 1977. One-year contracts.
All transport paid.
Salary minimum 220,000 Yen monthly plus bonuses (£15 approximately). London W2 6LX. Tel.: 01-229 4245.

ITALY
ENGLISH AS A FOREIGN LANGUAGE
DIRECTOR OF STUDIES for the Ullsoni School of Turin. Archivescovado 71. Post-graduate or R.S.A.-trained. Position includes part-time teaching.
Write or ring London 229 2770 (Mr. Fields).

SPAIN
Male TEACHERS of ENGLISH required for language school to commence mid-September.
For further information contact Miss J. Hughes, 88 Chiswick Lane, London, W.4. Tel. 01-994 2000.

ilea

INNER LONDON EDUCATION AUTHORITY

District Inspector

Salary range £8,680-£9,526

(Inclusive of London Weighting) with possible progress to £10,564

This post involves oversight of a district of Inner London and advising on and inspecting education mainly in primary and secondary schools and some special schools.

Candidates must be well qualified and have had substantial teaching experience in schools, and have [illegible] The successful [illegible] quarter of his/her time to working more generally in Inner London in a team of specialist inspectors, under the leadership of a senior inspector. Applications from candidates with qualifications and experience in any discipline will be considered but those able to offer Religious Education will be particularly welcome.

Details and application forms from the Education Officer (EO/Estab 2A/1) Addington Street Annexe, The County Hall, SE1 7PB. Please enclose a stamped addressed foolscap envelope. Forms to be returned by 8 July 1977.

UNIVERSITY OF PETROLEUM AND MINERALS
DHAHRAN–SAUDI ARABIA

MATHEMATICIANS

The Department of Mathematical Sciences has vacancies for the Academic Year 1977-78 starting 1 September, 1977, for Faculty of Ph.D. or M.Sc. standing in Mathematics for lecturing duties primarily in the first three years of a five-year course. Preference will be given to more mature candidates particularly those who have had experience of lecturing in English to students for whom this is a second language.

Minimum regular contract for two years, renewable. Competitive salaries and allowances, free air conditioned and furnished housing, free air transportation to and from Dhahran each two-year tour. Attractive educational assistance grants for school-age dependent children. Local transportation allowance in cash each month. All earned income without Saudi taxes. Ten-month duty each year with two-month vacation paid and possibility of participation in University's on-going summer programmes with adequate additional compensation.

Since personal interviews of prospective candidates will be held during July, 1977, apply urgently with complete resume on academic and professional background, list of references, a complete list of publications with clear indication of those papers published in refereed professional magazines and/or journals, research details, and with copies of degrees/testimonials, including personal data, such as: home and office addresses, telephone numbers, family status (wife's maiden name, names of children, age and sex) to:

University of Petroleum and Minerals,
c/o Gebbites-Thring Services Ltd.,
Broughton House,
6, 7 & 8, Sackville Street,
Piccadilly,
London W1X 2BR.

OVERSEAS TEACHING POSTS

TEMPORARY HEADMASTER
(Nepal)
Budhanilkanthe School, Kathmandu
Post of temporary Headmaster for up to 1 year.
Candidates must be UK citizens, headmasters with overseas experience.
Salary: £7,897-£9,521.
Benefits: Free accommodation, overseas and children's allowances; medical scheme; superannuation. 77 PS 85

LECTURERS IN TEFL/ESP
(Iran)
LECTURER (TEACHER EDUCATION)
(Tehran)
LECTURER (ENGLISH FOR SPECIAL GROUPS)
(Tehran)
LECTURER (ENGLISH FOR MIXED GROUPS)
(Tehran)
LECTURER (ENGLISH FOR THRESHOLD PROGRAMMES)
(Tehran)
LECTURER (GENERAL ELT DUTIES)
(Isfahan)
British Council Teaching Centres, Tehran/Isfahan
Duties to include some or all of the following: teacher training, supervision, course design and materials preparation (general English and ESP) and administrative duties. Degree or teaching certificate, 1 year university diploma in TEFL; 5 years' relevant experience including 2 years' specialised TEFL experience of ESP/teacher training/administration.
REVISED EMOLUMENTS.
Salary: £5,210-£6,028 p.a.
Personal allowance: Nil-£1,415 p.a. (according to salary and marital status).
Benefits: Accommodation allowance; children's education allowance; employer's portion of UK superannuation; 2 year contract renewable. 77 HO 85-59

HEAD OF DEPARTMENT OF PHARMACY AND SCIENCE
(Ghana)
Kumasi Polytechnic
To lecture in Bio-chemistry including dispensing, pharmacology, physiology, mathematics and science at equivalent of City and Guilds Final Technical level and organise the department.
A degree in Pharmacy or a related subject, Membership of Pharmaceutical Society, experience in industry or hospital dispensing and teaching.
Salary: £4,569-£5,618 p.a.
Benefits: Free accommodation; overseas and children's allowances and other benefits; boarding school fees; paid terminal leave; 4 year contract (shorter period may be possible). 77 CO 105

TEACHER OF ENGLISH LANGUAGE/LITERATURE
TEACHER OF BIOLOGY (NUFFIELD) AND CHEMISTRY
(Bahrain)
The Bahrain School, Juffair
Candidates should be UK citizens and have a British educational background. A relevant degree is essential and a minimum of 2 years' teaching experience desirable, but newly qualified teachers will be considered.
Salary: Approximately £3,820 (or £4,085 for holders of a good Honours or a second degree). All emoluments are free of local tax and will be paid in US dollars.
Benefits: Overseas allowance amounting to 50 per cent of basic salary; housing allowance; baggage allowance; 1 year contract renewable by mutual consent. 77 AS 83-84

SENIOR LECTURER IN LIBRARY SCIENCE
(Brazil)
University of Brasilia
Master's degree with lecturing experience and training in British library systems.
Age range 30-40; Single applicants preferred.
Salary: £12,000 p.a.
Benefits: 18 month contract. 77 PU 38

3 TEACHERS OF ENGLISH
(Saudi Arabia)
Institute of Public Administration, Riyadh
Candidates, men only, must be graduates with a university TEFL qualification and 1 year's ELT experience.
Salary: 39,400SR-60,000SR p.a. (£6,336-£9,900 approx.).
No local taxation. 12 per cent bonus.
Benefits: Free accommodation with basic furnishings. Single men will be required to share accommodation. 1 year contract renewable. 77 AO 106-7

TEACHER OF ENGLISH
(Iran)
Irano-British Ship Management Co., Abadan
To teach general and technical English to FCE level to naval cadets and ratings, and help prepare ESP materials as required.
Degree/teacher's certificate and 3 years' relevant experience essential. Postgraduate TEFL qualification and experience of materials preparation/ESP desirable.
Salary: £3,732-£4,374 p.a.
Benefits: Abadan allowance; free furnished accommodation; employer's portion of UK superannuation; 2 year contract with the British Council. 77 HO 34

SCIENCE TEACHER
(Spain)
The British Council School, Madrid
Candidates should be trained teachers with either a degree in or including science or a teaching certificate with science as a main subject. Experience of teaching science up to 'O' level is essential.
Salary: approx. £3,209-£4,963 p.a. tax free. A 20 per cent increase in salary is expected with effect from September.
Benefits: Expatriation allowance; employer's portion of superannuation; medical scheme; 2 year local contract renewable. 77 RS 74

DIRECTOR OF STUDIES
(Greece)
The British Council Institute, Salonika
Candidates, preferably in the age range 30-45, should be university graduates with a PGCE with TEFL content and a minimum of 5 years' EFL experience. Previous experience as Director of Studies or Head of Department desirable.
Salary: Drs 19,990-Drs 30,770 per month (approx. £3,758-£5,808 p.a.).
Benefits: Annual bonus: 2 year local contract renewable. 77 RO 3

LECTURER OR ASSISTANT PROFESSOR OR ASSOCIATE PROFESSOR
(Jordan)
Department of Architectural Engineering, University of Jordan, Amman
To lecture to undergraduate students in any branch of Architectural Engineering.
Salaries: Lecturer: £4,631 (minimum) p.a.
Assistant Professor: £9,473-£11,578 p.a.
Associate Professor: £11,578-£13,684 p.a.
according to qualifications and experience.
Candidates must have a higher degree or equivalent qualification together with 3 years' teaching or 5 years' professional experience. 77 AU 94

Return fares are paid. Local contract is guaranteed by the British Council.
Please write, briefly stating qualifications and length of appropriate experience, quoting relevant reference number and title of post, for further details and an application form to The British Council (Appointments), 65 Davies Street, London W1Y 2AA.

THE BRITISH COUNCIL

SIERRA LEONE

Applications are invited for the Technical Teacher Training post of

HEAD OF DEPARTMENT

(Project Manager)

c. £6,618-£8,363

(Including a supplement, normally tax free, paid by the British Government under its aid programme to citizens of the U.K.)

Based at the

Milton Margai Teachers College

near Freetown, for which new buildings and equipment for technical and commercial subjects are being provided by the International Development Association.

The Project Manager will head a team responsible for establishing a 3-year teacher training programme for technical and commercial secondary teachers and for developing in-service training. Candidates should have experience of teacher education at a senior level and of design and technology.

Appointment is for 3 years commencing in September 1977. Gratuity, subsidised housing, free passages, UK leave, education allowances and holiday visit passages for children and other fringe benefits.

Interviews for this re-advertised post are planned for the first week in July and applicants should, in the first instance, send a detailed curriculum vitae immediately to the Recruitment Unit, TETOC (Technical Education and Training Organisation for Overseas Countries), 35/37 Grosvenor Gardens, London, SW1W 0BS.

tetoc

OVERSEAS DEVELOPMENT

KNOW-HOW: vital to developing countries

Botswana

Secondary Education:

Headmaster/Headmistress

Responsible for efficient organization, administration and control of a secondary school, its staff and students; to organize and control appropriate extra-curricular activities; to play active part in training and preparing Botswana teachers for posts of Higher Responsibility. Applicants, up to age 55, should have degree together with certificate in education, and at least five years' teaching experience either as Headmaster/Headmistress or in senior post of responsibility. Boarding school experience and knowledge of basic office administration desirable.
Appointment 30 to 36 months.
Salary in range £7,137 to £8,340 pa which includes allowance, normally tax-free, in range £2,400 to £8,474 pa. Terminal gratuity 25 per cent pa of basic salary.

Lesotho

Secondary Education:

Teacher of Mathematics and Science

To teach Mathematics and Science to Cambridge Overseas School Certificate GCE "O" and "A" level and undertake some curriculum development in subject area. Applicants should have Degree in either Mathematics or Science subject, and Teaching Certificate. Appointment 24 months.
Salary (currently under review) in range £4,441 to £6,266 pa which includes allowance, normally tax-free, in range £1,830 to £2,918 pa. Terminal gratuity of 25 per cent pa of basic salary.
Other benefits (both posts) include free family passages, children's education allowances, holiday visit passages and subsidized accommodation. An appointment grant of up to £300 and an interest-free car-purchase loan of up to £1,200 may be payable in certain circumstances. Superannuation rights may be safeguarded. Applicants should be citizens of the United Kingdom.
For full details and application form please apply, quoting reference 315, stating post concerned, and giving details of age, qualifications and experience to:—

Appointments Officer,
MINISTRY OF OVERSEAS DEVELOPMENT,
Room 301, Eland House,
Stag Place, London SW1E 5DH.

ODM

HELPING NATIONS HELP THEMSELVES

OVERSEAS Appointments continued

CANADA
HEADMASTER required by July, 1978, for successful Secondary Boarding School for Boys, near Victoria, British Columbia. Must have superior academic qualifications, strong leadership and administrative potential, and an interest in games.
Experience in a similar school is highly desirable. Age 34-44 preferred.
Salary negotiable above $25,000 per year. Housing available.
Write Airmail to Search Committee, Shawnigan Lake School, Shawnigan Lake, BC, Canada V0R 2W0.

CORD Prep. School in Rome seeks Teacher offering two or more of the following: French, Latin, Music, Boys' Physical Education. —Applications, curriculum vitae and photograph to Box TES 2890, The Times WC1X 8EZ.

GREECE, ATHENS. Qualified Teacher Mother's Help needed for one year for a girl 9, boy 10 years old.—Apply with photo: Mrs. Mary Yumoroulou, 18 Miltiadou Street, Holargos, Athens.

MOROCCO. — Young experienced TEFL TEACHERS required for Casablanca 1st October, 1977, to 30th June, 1978.—Apply to the Director, The English Institute, 34 Av. Lalla Yacout, Casablanca.

Administration

Local Education Authority

HAMPSHIRE
SPECIALIST CAREERS ADVISER
(Industrial and Education Liaison)
BASINGSTOKE CAREERS OFFICE
A qualified Careers Officer is required to fill this third specialist post which has been created to help tackle the problems of finding work and training for young people in areas of high unemployment in the County. The officer will supplement the functions of the existing Careers Officers. Salary Grade A.P. 4/5: £3,366 to £4,095 plus £312 supplement.

The appointment will be of a temporary nature up to the 31st March, 1979, in the first instance, but may be extended.
24-hour Ansafone service for application forms and further details, please telephone Winchester 4411, Ext. 313 during office hours, or Winchester 4513 after office hours, quoting reference 5030, or write to County Personnel Officer, The Castle, Winchester. Closing date 11th July, 1977.

SANDWELL
(In Inspection through of)
EDUCATION DEPARTMENT
ASSISTANT EDUCATION OFFICER
Grade PO2 1-5 £6,201 to £6,67d
Graduates with teaching and administrative experience in an Education Office, who have an interest in the problems and opportunities of an Urban area and a desire to participate in a personal education service are invited to apply for this responsible and challenging post.
Forms of application and further particulars available on application to: Personnel Officer, Town Hall, West Bromwich B70 9DX (021-569 2434).

TAYSIDE
REGIONAL COUNCIL
EDUCATION DEPARTMENT
CAREERS OFFICERS
£2,778 to £3,366 plus £312 pay supplement
(Ref. 67/771)
Location: Perth
Experienced CAREERS OFFICERS or STUDENTS about to complete a Diploma in Careers Guidance Course are invited to apply.
Consideration will also be given to applicants with relevant industrial/professional experience.
A job specification is available.
Application forms available from and returnable to the Personnel Officer, 16 Albert Square, Dundee. Tel. Dundee 23281, Ext. 3881.
Closing date for receipt of applications is Friday, 22nd July 1977.

General

AN INTERESTING APPOINTMENT
for
A SPECIAL PERSON
Member of the Girl Guides Association preferred, administratively able to assist head of department staff and work with Advisers and others.
Knowledge of overseas countries and fluency in at least one foreign language, preferably French, an advantage. Age envisaged 30+.
Basic Salary plus London Weighting Allowance.
Applications, in confidence, to Personnel Manager, 17-19 Buckingham Palace Road, SW1W 0PT (telephone 01-834 6242, Ext. 10).

DIOCESE OF CARLISLE
(Re-advertisement)
DIOCESAN YOUTH OFFICER
Required (post combined with priest-in-charge of small parish), Isle of Carlisle.
Further particulars from: The Bishop of Carlisle, Rose Castle, Dalston, Carlisle CA5 7BZ.

CYNGOR SIR GWYNEDD COUNTY COUNCIL

EDUCATION DEPARTMENT

AREA EDUCATION OFFICER

£5,103-£5,721 plus £312 supplement.

Applications invited from graduates and others with relevant administrative and teaching experience.

The appointee will be responsible for the Area Office in Caernarvon and for administering Primary and Secondary Education, Special Education and Adult Education and also other establishments and services. Knowledge of Welsh essential.

Car allowance and assisted car purchase facilities. Financial assistance with removal and resettlement expenses in appropriate cases.

Application forms from County Personnel Officer, County Offices, Caernarvon. Closing date: July 13, 1977.

Education Service

CAREERS OFFICER

(Employment and Training)

Applications are invited for the above post from experienced careers officers or well-qualified persons from industry or commerce particularly with experience of staff recruitment and training.

The post, which is financed by central Government grant, will be offered as soon as possible on a fixed term contract which will terminate on 31 March, 1979. The successful applicant will deal specifically with unemployed young people and measures to assist them.

The salary will be either on the AP4 salary scale (£3,583-£4,259 per annum inclusive), or the AP5 salary scale (£4,422-£4,452 per annum inclusive). The precise salary offered will be dependent upon the appointee's experience and qualifications and appropriate levels of responsibility will be assigned commensurate with the appointee's salary. A car allowance is available.

Further details and application forms obtainable from The Chief Education Officer, Hadley House, 79-81 Uxbridge Road, Ealing W5 5SU. Forms to be returned within 14 days of the advertisement.

Ealing
London Borough

OVERSEAS DEVELOPMENT

KNOW-HOW: vital to developing countries

Education Overseas
Egypt

Lecturer—Automobile Engineering

At Moharrem Bey School, Alexandria, in co-operation with local and expatriate staff, to undertake planning of syllabuses, workshop supervision, advise on teaching methods, and carry out some practical direct teaching. Applicants, aged 30-45, should have appropriate qualifications and be workshop orientated, plus at least 5 years' practical experience in industry and teaching in technical college. Overseas experience an advantage. Appointment 3 years.

Salary according to qualifications and experience plus variable tax free overseas allowance. Superannuation rights may be safeguarded.

The post is wholly financed by the British Government under Britain's programme of aid to the developing countries. In addition to basic salary and overseas allowances other benefits normally include paid leave, free family passages, children's education allowances and holiday visits, free accommodation and medical attention. Applicants should be citizens of the United Kingdom.

For full details and application form please apply quoting ref. 317, stating post concerned, and giving details of age, qualifications and experience, to:

Appointments Officer,
MINISTRY OF OVERSEAS DEVELOPMENT,
Room 301, Eland House,
Stag Place, London SW1E 5DH.

ODM

HELPING NATIONS HELP THEMSELVES

CITY OF NEWCASTLE UPON TYNE
EDUCATION COMMITTEE

EDUCATION LIBRARIAN

Grade SO2

(£5,001-£5,304 including Supplement)

Applications are invited from chartered librarians for the above post. The Education Librarian is responsible to the Director of Education for organising all library services to the city's 188 schools, including the staffing of the libraries of the larger secondary schools. He/she will also be expected to advise and assist the Director on all other library matters that may affect the Education Service, and to work in close co-operation with both the City Library Service and the authority's Educational Advisory Service. A wide experience of library services to education will be advantageous.

Further details and application forms from Director of Education, Civic Centre, Barras Bridge, Newcastle upon Tyne, NE1 8PU. Closing date: July 11th.

COUNTY OF AVON Education Service

Careers Service

SPECIALIST CAREERS OFFICER

(Handicapped Young People)

Salary scale: SO1 £4,239-£4,545 plus £312 p.a. Supplement

Applications invited from suitably qualified and experienced applicants for this senior post. Previous experience of work with handicapped young people an advantage.

Further details and application form, returnable by 8th July, from Director of Personnel (Tel.: Bristol 298565), Avon House, The Haymarket, Bristol, BS99 7DE.
Please quote ref. no. EDU 1206.

EDUCATION COMMITTEE

Chief Education Welfare Officer

SO1 (£4,836-£5,142 incl.)
Reference Number: E/83/D

Senior Education Welfare Officer

AP5 (£4,422-£4,892 incl.)
Reference Number: E/84/D

Applications are invited from men or women, preferably with good experience in the field of Education Welfare, for these interesting and demanding posts.

Generous relocation expenses available.

Application forms and further information are obtainable from the Administration Manager, Room 708, Brent House, High Road, Wembley, Middlesex, returnable by 8th July, 1977. Telephone: 01-903 0371 (24-hour Ansafone service). Reference numbers must be quoted.

London Borough of
BRENT

Specialist Careers Officer to work with unemployed young people

This is a temporary post continuing until 31st March, 1979. No guarantee of employment beyond that date can be given.
Duties will include work with and on behalf of unemployed young people, contacting employers on their behalf about employment, special Government training and work experience schemes, liaison with other Careers Officers within the Authority, T.S.A. and other agency and general counselling of the long term unemployed.
Applications are invited from experienced Careers Officers and other committed people with wide experience of industry or commerce and young people.

CROYDON

Salary Scale £3,518-£4,299 per annum inclusive of London weighting and flat rate supplement.
Applications in writing giving details of age, qualifications and relevant experience to the Director of Education (PMO), Taberner House, Park Lane, Croydon, CR9 1TP, by 8th July, 1977. Informal enquiries may be made of the Principal Careers Officer (telephone number 01-686 4433 extension 2269).

ADMINISTRATION
General continued

DEVON
AREA HEALTH AUTHORITY
HEALTH EDUCATION OFFICERS

Applications are invited from suitably qualified staff for three HEALTH EDUCATION OFFICER posts in Devon. Due to expansion of the service, two of these posts are newly created.
The successful applicants will be accountable to the Area Health Education Officer, but will be working within one of the Health Districts.
Applicants should hold an appropriate basic professional qualification in either health or education and preferably have completed a course of specialist training in Health Education and had practical experience in the specialty.
Basic salary scale £3,654 rising by six annual increments to a maximum of £4,344, increments in accordance with phases I and II of the Government's Pay Policy, amounting to a total of £564 per annum on the basic salary.
Further details and application form (returnable by 11th July, 1977) available from: Area Personnel Officer, Devon Area Health Authority, Bellaire House, Holloway Road, Exeter EX4 2DB (telephone: Exeter 53111, ext. 325).

HAMPSHIRE
COUNCIL OF COMMUNITY SERVICE
RURAL COMMUNITY LIAISON OFFICER
An interesting post offering county-wide opportunities for contacting people and playing a creative role is to be filled by the Hampshire Council of Community Service. It will be the task of the officer appointed to keep the council in full touch with the needs and problems of rural communities in Hampshire and to assist them to help themselves.
Initially, the appointment will be for a trial period of two years. Salary Scale AP II, commencing at £2,607 per annum, plus pay supplement of £312 per annum. Good qualifications plus relevant experience could qualify for a higher starting point.
Full particulars available from the General Secretary, Beaconsfield House, Andover Road, Winchester, SO22 6AT.
Tel. Winchester 4071.

NORTH REGIONAL EXAMINATIONS BOARD
for the
CERTIFICATE OF SECONDARY EDUCATION

The Board proposes to appoint an
ASSISTANT SECRETARY

Salary scale under review, but currently in accordance with the N.J.C. (Local Government) Scale Senior Officer Grades SO1/SO2: £4,23? rising to £4,963 in six years, plus salary supplement of £312 per annum (Phase 1) payable in addition to the salary. Appointment may exceptionally be made above the minimum of the scale.
The post is superannuable under the Local Government Superannuation Act; previous service under teachers' superannuation is transferable to the local government scheme. The successful applicant will be expected to take up appointment on 1 January, 1978. Candidates should have had teaching experience; alternatively or additionally, relevant administrative experience would be acceptable.
Further information from: The Secretary to the Board, North Regional Examinations Board, Wheatfield Road, Westerhope, Newcastle upon Tyne, NE5 5JZ.
The closing date for receipt of applications is 8th July, 1977.

SHEFFIELD
THE SHEFFIELD Y.M.C.A.
Wishes to fill the vacancy of RESIDENTIAL SECRETARY from 1st August 1977.
The Appointee will be responsible for administration and discipline as applied to residential and hostel work; for residents in 130 bed hostel and 10 flats; administrative procedures; reception and effective liaison with staff responsible for programme, catering and day to day events and activities.
The Y.M.C.A. is a large, well equipped modern building with fine facilities and the Appointee will be expected to live in (comfortable flat available) and to be actively engaged in Christian witness and pastoral care.
Application forms available on request to: P. R. Cody, Y.M.C.A., 11 Broomhall Road, Sheffield S10 2DQ.

THE SPORTS COUNCIL
PROMOTING PARTICIPATION IN SPORT IN THE YEARS IMMEDIATELY AFTER LEAVING SCHOOL

PROJECT OFFICER

Applications are invited for the post of Project Officer, responsible for setting up, managing and evaluating an experimental project aimed at reducing the post-school fall-off in sports participation by bringing about a greater integration of school and club/adult sport for those children in school.
The ideal candidate will be over 28 years with at least 4-5 years' experience in sport leadership or teaching and some knowledge and application of research methods.
The appointment will be initially for a two-year period with a salary of £4,404 rising to £4,602 on completion of one year's service plus £465 London Weighting.
For further details and an application form please contact The Personnel Unit, The Sports Council (77/7/HQ), 70 Brompton Road, London SW3 1EX.
Closing date 6th July, 1977.

TRAINING OFFICERS
AGE CONCERN ENGLAND
A progressive charity working with the elderly requires two TRAINING OFFICERS with imagination and enthusiasm to devise resource materials; develop and tailor training courses for Age Concern staff and volunteers; and assist local voluntary groups with their own training programmes. Previous training or teaching experience valuable. Both jobs based at Mitcham, but extensive travel likely. Candidates must be able to work as part of a team but also independently as required.
Starting salary £3,318 to £3,996 (under review). Four weeks' holiday. Pension scheme. Subsidised canteen.
Further details and application form from Administrative Secretary, Age Concern England, 60 Pitcairn Road, Mitcham, Surrey CR4 3LL.
Closing date July 11.

YORKSHIRE REGIONAL EXAMINATIONS BOARD
Applications are invited for the post of:—
EXAMINATIONS OFFICER
from well-qualified persons with previous administrative experience preferably in the field of education. Salary will be on Scale AP4 (currently £3,366 to £3,703 plus £312 supplement).
Please write for further details, enclosing a stamped addressed envelope, to P. E. Hor, Esq., Secretary to the Board, Yorkshire Regional Examinations Board, 31-33 Springfield Avenue, Harrogate, North Yorkshire HG1 2HW.

Child Care

BERKSHIRE
MOCKBEGGAR CHILD GUIDANCE HOSTEL
26 Whiteknights Road, Reading
Telephone: Reading 61903
RESIDENT ASSISTANT required for Child Guidance Hostel in Reading. The Hostel is administered in cooperation with the Child Guidance Clinic and accommodates children who attend local schools.
Salary scales: £2,101 to £2,307 a year, plus pay supplement £312, less £372 residential charges. £100 payable for approved qualifications. Non-resident applicants or trainees would be considered.
Application forms and particulars from: District Education Officer, P.O. Box 12, Civic Centre, Reading RG1 7TD. Closing date 11 July, 1977.

Educational Psychologists

WALTHAM FOREST
(London Borough of)
MARKHOUSE CENTRE
Markhouse Road, London E.17
TEACHER see under SECONDARY REMEDIAL. Scale 1.

WALTHAM FOREST
(London Borough of)
MARKHOUSE CENTRE
Markhouse Road, London E.17.
TEAM LEADER (Scale 3 post) see under SECONDARY REMEDIAL. Scale 3 and above.

Examiners

UNIVERSITY OF LONDON
UNIVERSITY ENTRANCE AND SCHOOL EXAMINATIONS COUNCIL

GENERAL CERTIFICATE OF EDUCATION EXAMINATION

The Council invites applications for the following appointment in the G.C.E. examinations:—
MODERATOR for a Mode 3 Syllabus and Examination in Religious Studies at Franco Hill School, Camberley, Surrey. The first examination for this new syllabus is in June, 1979.
Applicants should be graduates, or hold appropriate qualifications, and should be between the ages of 25 and 65 with three years' recent teaching experience. Experience in G.C.E. examining would be an advantage. It will be necessary for the Mode 3 Moderator to visit the School at least three times a year.
Application forms and particulars of remuneration, conditions of appointment and duties may be obtained from the Secretary to the University Entrance and School Examinations Council, University of London, 66-72 Gower Street, London WC1E 6EE, to whom completed forms should be returned not later than July 15, 1977. Applicants should state the subject and post and enclose a self-addressed foolscap envelope.

LONDON
UNIVERSITY OF
UNIVERSITY ENTRANCE AND SCHOOL EXAMINATIONS COUNCIL

GENERAL CERTIFICATE OF EDUCATION EXAMINATION

The Council invites applications for the following appointments.

CHIEF EXAMINER
JUNE 1978 EXAMINATION
Ordinary level
BRITISH CONSTITUTION

CHIEF EXAMINER
JUNE 1979 EXAMINATION
Advanced level
FRENCH

Applicants should be graduates between the ages of 25 and 60 with three years recent teaching experience. Experience in G.C.E. examining would be an advantage.

Application forms and particulars of remuneration, conditions of appointment and duties may be obtained from the Secretary to the University Entrance and School Examinations Council, University of London, 66-72 Gower Street, London WC1E 6EE to whom completed forms should be returned not later than 22nd July, 1977. Applicants should enclose a self-addressed envelope.

Previous applicants for these posts need not re-apply as their applications will be considered with new applicants.

METROPOLITAN REGIONAL EXAMINATIONS BOARD
Applications are invited for the post of
CHIEF EXAMINER IN ENGLISH for the 1978 Examinations
Application forms and further details should be requested by postcard from D. H. Board, M.A., Secretary to the Board, Lyon House, 104 Wandsworth High Street, London SW18 4LF, to whom completed forms should be returned not later than Tuesday, July 12, 1977.

METROPOLITAN REGIONAL EXAMINATIONS BOARD
Applications are invited for the post of
MODERATOR
MEDIA STUDIES (1978)
Application forms and further details should be requested by postcard from D. H. Board, Secretary to the Board, Lyon House, 104 Wandsworth High Street, London SW18 4LF, to whom completed forms should be returned not later than 8 July 1977.

NORTH REGIONAL EXAMINATIONS BOARD
for the
CERTIFICATE OF SECONDARY EDUCATION
Applications are invited for the following post for the 1979 C.S.E. Examination:—
CHIEF EXAMINER IN SCIENCE
Estimated total fee £230—a basic fee of £108 plus an addition fee on the estimated number of candidates. Fees for script marking are also payable.
Forms of application and further particulars may be obtained from the Secretary to the Board, North Regional Examinations Board, Wheatfield Road, Westerhope, Newcastle upon Tyne NE5 5JZ (telephone 0632 863711).
The closing date for the receipt of applications is July 8, 1977.

THE ASSOCIATED EXAMINING BOARD
for the General Certificate of Education
Wellington House, Aldershot, Hampshire GU11 1BQ
CHIEF EXAMINER IN MATHEMATICS (ROYAL NAVY SYLLABUS) ORDINARY LEVEL
Applications are invited for the above post which is vacant in 1978. The examination is set in the spring and autumn exclusively for candidates from the Royal Navy. Applicants for the post should be graduates with at least five years' teaching experience in Mathematics at this level and should be prepared to undertake duties commencing in this year. Experience of public examining is an essential requirement for this post.
Application forms and further details may be obtained from the Secretary (AS) at the Board's offices.

THE ASSOCIATED EXAMINING BOARD
for the General Certificate of Education
Wellington House
Aldershot, Hampshire GU11 1BQ
The Board invites applications for the following posts which are due for the 1979 examination, both at Ordinary (Alternative) Level.
CHIEF EXAMINER in ADDITIONAL MATHEMATICS (Pure)
CHIEF EXAMINER in ADDITIONAL MATHEMATICS (Statistics)
Applicants for both posts should be graduates with at least five years' recent teaching experience in the subject at the appropriate level, and should be prepared to undertake duties commencing in this year. Experience of public examining is an essential requirement for these posts.
Application forms and further details may be obtained from the Secretary (AS) at the Board's offices.

Education in a different dimension.

RAF officer EDUCATION

A lot of educational jobs can be fairly predictable and routine. The job of an RAF Education Officer is neither of these.

Maybe we can tell you why.

In the first place an Education Officer in the RAF, whether a man or a woman, is in a very responsible position because the Service has a crucial job to do. The maintenance of the highest standards of training is imperative. Our existence might depend on it.

Secondly, there is the nature of the job itself. The RAF is a big organisation, of over 80,000 people. It is also a committed organisation. The people in it are there because they choose to be. As an educator you will find yourself dealing with people who really want to learn.

Your work may range from the instruction of young apprentices to the tuition of university graduates undergoing officer training at an RAF college. At all levels it is a satisfying experience. Teaching, however, is only part of the job. You will also be dealing at management level with the organisation of further education at home and overseas and with the improvement of training courses and methods. This will involve administrative work in liaison with outside specialists and officers of all branches of the Service.

You will find the work most rewarding and a useful background for civilian teaching. If you are looking for a worthwhile job where your contribution is truly valued—give thought to the RAF.

You may choose to spend 4, 5 or 6 years in the RAF with a chance of longer engagement to the age of 38 or for 16 years. And, if you are considered good enough, there are opportunities for service to the age of 55.

If you are interested, post this coupon now to Group Captain H.E. Boothby, OBE, ADC, BA, RAF, Officer Careers (949 41G/8), London Road, Stanmore, Middlesex, HA7 4PZ.

ONLY SO MANY CAN BECOME THE FEW.

Please send me information about a career as an Education Officer in the RAF.
Name ______
Address ______
Date of Birth ______ (Applicants must be ...)
(Formal application must be made in the UK)
With this coupon please enclose, in confidence, a brief curriculum vitae. You should be a graduate, preferably qualified to teach.
949 41G/8

Royal County of BERKSHIRE

SOUTHERN REGIONAL COUNCIL
FOR FURTHER EDUCATION

Applications are invited for the post of

SECRETARY to the COUNCIL

Salary Scale: £8,661–£9,315;

The post is superannuable.

Candidates should be graduates with experience of further education work through either teaching or administration.

Further particulars from Director of Education, Kennet House, 80/82 Kings Road, Reading. Closing date 11th July, 1977.

METROPOLITAN REGIONAL EXAMINATIONS BOARD

ASSISTANT SECRETARY

(£5,589–£6,468)

Applications are invited for the post of Assistant Secretary. Applicants should have substantial teaching experience in secondary, further or higher education. Administrative experience is desirable. (Salary is likely to increase on 1 July under Phase 2).

Forms and further details should be requested by postcard from the undersigned (or telephone Mrs. Logorsci, 870 2144).

Closing date 1 July 1977.

D. H. BOARD, M.A., Secretary to the Board,
Metropolitan Regional Examinations Board,
Lyon House, 104 Wandsworth High Street,
London SW18 4LF.

THE NATIONAL SEA TRAINING TRUST

invite applications for the post of

SECOND OFFICER

The successful applicant will be required to teach and examine candidates (aged 16 to 17½ years) in all aspects of Seamanship on a residential pre-sea training course.

Additional duties will include work of an administrative nature, shared on a rotational basis with three other Second Officers.

It is required that applicants should hold a Master's (Foreign-going) Certificate of Competency and be not more than 30-35 years of age. Previous teaching experience would be an advantage.

The post, which is situated at Gravesend, Kent, can provide accommodation for a single person.

Applications, giving full particulars, should be addressed to:

The Secretary
National Sea Training Trust
Shipping Federation House
146-150 Minories
London, EC3N 1ND

SOUTHWARK DIOCESAN BOARD OF EDUCATION

PRIMARY SCHOOLS ADVISER

RE-ADVERTISEMENT

The post of Diocesan *Primary* Schools Adviser will become vacant at the end of July, 1977. Applications are invited from trained teachers with Primary School experience, who are communicant members of the Church of England. The job entails visiting the 105 Church of England Aided Primary, First and Middle Schools in the Diocese to help and advise Heads, teachers and Managers with special reference to religious education and worship.

This is a Scale 3 post, starting at point one, with the normal Superannuation arrangement. A secondment may be possible. The appointment, which will be for five years, will be from 1 January, 1978, or earlier if possible. Expenses will be paid.

Enquiries and applications naming two referees by 11 July, 1977, to The Director, Southwark Diocesan Board of Education, 48 Union Street, London SE1 (Tel: 01-407 7911).

Royal County of BERKSHIRE

GENERAL SCIENCE ADVISER

£7,956-£8,580 (Group 10 Head)

The successful applicant will be General Adviser with special responsibility for Science Education and will join a team comprising a Chief Adviser, three Senior Advisers and 15 Advisers. The team is so organised that each Adviser's specialist role is applied on a County-wide basis while all Advisers belong to one of the three smaller Area Advisory Teams which work more closely on all matters affecting one third of the County. The person appointed will need to live within reasonable distance of the Education Department Headquarters Office in Reading. Lodging allowance and removal expenses scheme in operation.

Further particulars and application form are obtainable from: Director of Education, Kennet House, 80/82 Kings Road, Reading RG1 3BL. Closing date 11 July, 1977.

Buckinghamshire Education Committee

Senior Assistant Education Officer (Schools)

Principal Officer Grade £7,074 to £8,046 per annum, plus £312 per annum supplement.

Applications are invited for this third tier post from graduates with teaching and administrative experience.

Further particulars and application forms may be obtained from the Chief Education Officer, County Hall, Aylesbury (Tel. Aylesbury 5000, Ext. 633).

Applications to be returned by 11 July, 1977.

Durham County Council
Education Department

AREA SENIOR EDUCATIONAL PSYCHOLOGIST

Soulbury Salary Scale—Burnham Head Teacher 9 equivalent (£6,960-£7,583 per annum plus £312 supplement throughout plus £168 pay award).

Applications invited for post of area senior educational psychologist. Post (one of four at this grade) carries responsibility for co-ordination and guidance of work of South Central Area Team of County Psychological Service, child guidance network centred on Bishop Auckland and personal specialist psychological work with pre-statutory school age handicapped children in education department assessment unit, working in close collaboration with Area Health staff.

Applications will only be considered from graduates holding a good honours degree in Psychology and an approved postgraduate qualification in educational psychology who have qualified experience in teaching and as fully qualified educational psychologists.

Housing available in the new town of Newton Aycliffe if required. Other rented accommodation might be available at the time of appointment.

Further particulars and form of application (to be returned by 11th July, 1977) from the Director of Education, P.O. Box 2, County Hall, Durham, DH1 5UJ.

TECHNICAL EDUCATION COUNCIL

Appointment of

FULL-TIME EXTERNAL MODERATOR

(Sector A or B)

The Council invites applications for the above post effective for 1 September, 1977, or as soon as possible after that date. The moderator will be based in the London and Home Counties area and applicants should have suitable experience relevant to the work of the Council's Sector A or Sector B programmes. The post may be filled by secondment from an existing post or by appointment to the Council's service.

The moderator will play a key role in establishing and maintaining the standards of the Council's awards by monitoring the operation of TEC programmes and assessment arrangements relevant to either Sector A or Sector B. Salary will be in the range £6,600 to £8,600 p.a. and starting salary will depend on previous experience.

Further details of the above post can be obtained by writing to the Chief Officer (ref. EM) at 76 Portland Place, London W1N 4AA.

Closing date for applications: Friday 15 July, 1977.

NORTHERN COUNTIES TECHNICAL EXAMINATIONS COUNCIL

Applications are invited from suitably qualified and experienced persons for the following appointments:

LIST OF VACANT EXAMINERSHIPS

MINING INDUSTRY BASIC STUDIES COURSE
Engineering Drawing
MINING CRAFT COURSES SECOND YEAR (C2)
Calculations and Drawing
MINING CRAFT COURSES THIRD YEAR (C3)
Mining Engineering Science
MINING CRAFT COURSES FOURTH YEAR (C4)
Legislation (Mechanical)
Legislation (Electrical)
MINE DEPUTIES' COURSE
Mining Practice
ORDINARY NATIONAL CERTIFICATE COURSE IN SCIENCES SECOND YEAR (D2)
Basic Chemistry
Elective Physics
Elective Chemistry
BASIC ENGINEERING CRAFT STUDIES PART I (MECHANICAL BIAS)
Craft Studies, Applications and Associated Studies (Mechanical)
BASIC ENGINEERING CRAFT STUDIES PART I (FABRICATION AND WELDING BIAS)
Craft Studies, Applications and Associated Studies (Fabrication and Welding)
MECHANICAL ENGINEERING CRAFT STUDIES PART II, FIRST YEAR
Craft Studies, Applications and Associated Studies
SHEET METAL AND THIN PLATE CRAFT STUDIES PART II, FIRST YEAR
Sheet Metal and Thin Plate Technology (Paper I)
Sheet Metal and Thin Plate Technology (Paper II)
ELECTRICAL and ELECTRONIC CRAFT STUDIES PART II, FIRST YEAR
Electrical Plant Manufacture
Electrical Plant Utilisation
GENERAL COURSE IN ENGINEERING
Science
MECHANICAL ENGINEERING TECHNICIANS' SECOND YEAR (T2)
Engineering Drawing and Materials
MECHANICAL ENGINEERING TECHNICIANS' THIRD YEAR (T3)
Mechanical Engineering Drawing
ELECTRICAL AND ELECTRICAL INSTALLATION TECHNICIANS' COURSE SECOND YEAR (T2)
Electrical Installation Technology
ORDINARY NATIONAL CERTIFICATE IN ENGINEERING FIRST YEAR (O1)
Workshop Processes and Communications
ORDINARY NATIONAL CERTIFICATE IN ENGINEERING SECOND YEAR (O2)
Applied Heat
Electrical Engineering (e)
Elementary Surveying
Engineering Drawing and Design
VEHICLE PARTSMEN PART II, FIRST YEAR
Vehicle Parts Administration, Commercial Practice and Vehicle Knowledge
SECRETARIAL COURSE
English II
English IV
English for Secretaries
Shorthand I (New Era)
Shorthand IV
Audio-Typewriting
Advanced Audio-Typewriting
Office Practice
MODERN FOREIGN LANGUAGES
Italian I
Italian II
SENIOR GENERAL COMMERCIAL COURSE FIRST YEAR
Elements of Accounts
CERTIFICATE IN OFFICE STUDIES FIRST YEAR (PART-TIME COURSE)
Social Studies (Social Living)
CERTIFICATE IN OFFICE STUDIES SECOND YEAR (PART-TIME COURSE) (FULL-TIME COURSE)
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Practical Typewriting
Social Studies
HIGHER CERTIFICATE IN OFFICE STUDIES PART I
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Clerical Operations and Procedures I
Accounts I
Office Organisation I
HIGHER CERTIFICATE IN OFFICE STUDIES PART II
Communication II
Clerical Operations and Procedures II
Accounts II
Office Organisation II
SENIOR GENERAL COMMERCIAL COURSE THIRD YEAR
ORDINARY NATIONAL CERTIFICATE COURSE IN BUSINESS STUDIES SECOND YEAR
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Mercantile Law
Economic Geography II
Mathematics
Elements of Transport
Elements of Banking
Principles of Distribution
Business Data Processing
ORDINARY NATIONAL CERTIFICATE IN PUBLIC ADMINISTRATION FIRST YEAR
English
Government I
Introduction to Economics
ORDINARY NATIONAL CERTIFICATE IN PUBLIC ADMINISTRATION SECOND YEAR
Accounting II (Government)
Elements of Insurance
HIGHER NATIONAL CERTIFICATE COURSE IN BUSINESS STUDIES SECOND YEAR
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Cost Accountancy II
Company Law
Social Policies and Social Needs
Marketing
Operational Research
Application of Statistics—Internal to the Firm

Forms of application returnable by 8th July, 1977, and further particulars relating to the appointments may be obtained by sending a stamped addressed foolscap envelope to The Secretary, 5 Grosvenor Villas, Grosvenor Road, Newcastle upon Tyne NE2 2RU.

Librarians

DUMFRIES AND GALLOWAY
REGIONAL COUNCIL
DEPARTMENT OF EDUCATION
LIBRARY SERVICE
ASSISTANT REGIONAL LIBRARIAN

Applications are invited from candidates with considerable experience of Library administration for the second-in-post. The service has five large and 41 small branch libraries and is centred on the Ewart Library, Dumfries. Five mobile libraries serve a very pleasant area of 2,369 square miles.

Salary scale £2,508 to £3,315 plus £312 supplement.

Applications stating age, qualifications, experience and name of two referees to the undersigned not later than 30th June 1977.

Alex H. M. Brown, Regional Treasurer, Officer Council Offices, Dumfries. DG1 2DG.

Ancillary Services

BOURNEMOUTH
QUEENSMOUNT SCHOOL
Independent Church of England Boarding and Day Grammar School for Girls
200 girls aged 7-18 years of whom 50 are boarders
Promised by the Department of Education and Science
Required in September 1977, a full-time resident ASSISTANT MATRON with some experience, to work with the Senior Matron and other matrons and assistants. Some nursing but RGN not essential.
Apply to the Principals in writing with copies of testimonials or names of referees.

DORSET
COUNTY COUNCIL
RESIDENT HOUSEMOTHER required by
BRAITSBURY HIGH SCHOOL FOR GIRLS
to take charge of the newly extended Barton Hill Boarding House (40 girls) and to be responsible for the organization of the house and the well being of the girls and staff. The working week is one of 40 hours, salary scale (subject to NJC) is Scale 2 £2,343 - £2,424 plus a salary supplement of £312 per annum and plus a qualification allowance of £100 for suitably qualified officers. A sleeping-in allowance of £2.17 per night is payable when rostered on call.
The occupation of a three-bedroom flat is a condition of the appointment. Charges will be made by way of deductions from salary in respect of board and lodging for housemother and family.
If a married person is appointed her husband could follow the appropriate and may be considered for sessional work on a part-time basis in the boarding house.
Application form and further details from Staffing Officer, Education Department, County Hall, Dorchester DT1 1XJ, returnable by 1st September 1977.

SANDWELL
METROPOLITAN BOROUGH OF
DEPARTMENT OF EDUCATION
SHENSTONE LODGE SCHOOL
HOUSEMOTHER required as from the beginning of the Christmas term for 20 emotionally disturbed boys and girls.
The school is situated near the village of Shenstone in the green belt area between Lichfield and Birmingham.
An interest in the problems of the emotionally disturbed child and an ability to work in a family like community are important.
Salary Scale R.C.C.O. Grade 1, £1,767-£2,820 plus £312 per annum (working point) may be used as the minimum if dealing with a qualification of £171 per annum for each dependent child.
Application forms returnable as soon as possible to the Principal Education Officer (Schools), Council House, Oldbury, West Midlands.

Miscellaneous

BROMLEY
London Borough of
NEWPATHS TEACHER of BRASS INSTRUMENTS
Required for September 1977, for the Borough's Instrumental Teaching Scheme a full-time peripatetic teacher of brass instruments. Salary according to qualifications and experience: Burnham scale for qualified teacher.
Subject to certain conditions, removal and storage expenses, distinctive allowances and grants towards local expenses are payable to teaching staff appointed from outside the London Area.
Further particulars and application form (stamped addressed envelope, please), obtainable from the Chief Education Officer (reference C.A.No.), Stamp-road, Bromley Lane, Chislehurst, Kent BR7 6LH (Telephone 01-467 5561), to whom they should be returned as soon as possible.

HORSEY
INSTRUMENTAL MUSIC SERVICE
FULL-TIME PERIPATETIC TEACHER
Applications are invited from suitably qualified instrumentalists on the following posts for January 1978, or earlier
(1) VIOLIN: East Dorset (based on Poole).
(2) CELLO: South-East Dorset (based on Bournemouth).
Successful candidates will belong to area music groups, be Senior Instrumental Teachers (duties will include group and individual tuition for the Authority's schools, and the organization of instrumental ensembles of all levels). The ability to play more than one instrument will be an advantage.
Salary will be Burnham Scale 1 or Scale 2 according to qualifications and experience.
A car is essential. Assistance with removal and lodging expenses.
For application forms (to be returned by 4th July) send stamped addressed envelope to the Education Staffing Officer, County Hall, Dorchester DT1 1XJ.

LONDON
CITY OF LONDON POLYTECHNIC
Applications are invited for the post of Alcohol Unit Trainer (Technician Grade in Media Services).
Responsibilities will include setting up, operating and routine maintenance of a wide range of sound and visual aids equipment, and production of teaching material.
An enthusiastic approach to AV work is essential and some experience and aptitude in this field desirable.
Salary scale £2,508 to £3,315 plus £312 supplement.
Superannuation and other conditions of service according to Burnham and other agreements.
Further details and application form from the Personnel Officer, City of London Polytechnic, Calcroft Road, London SE5 7RX, to whom completed forms should be returned by 30 June 1977.

SUSSEX
Preparatory School (100 boys 50 girls, ages 7-13) HEAD MISTRESS for September. Personality school and prefects and good references essential.
Salary according to I.A.P.S. recommendations (usage and qualifications taken into account).
Car allowance if required. Must be car owner.
Apply Mrs. Rogers, Brawley 2048.

REQUIRED for September, 1977, a Senior Lecturer for Boarding and Day School.
Age 18 to 45, to work under the health and general welfare of the boys. Accommodation available.—Please apply, The Headmaster, Hartow Hill School, Widley, Portsdown, Surrey. Telephone Waterlooville 2411.

SALFORD
HIGH ST
EDUCATION DEPARTMENT
Required from 31st August, 1977, or as soon as possible thereafter, 1 Full-time SCIENCE TEACHER to work in Primary and Secondary Schools. Knowledge of Bunsen teaching method essential. Scale 1 rate but possibility of Scale 2 for suitable applicant.
Please send manuscript addressed envelope for application form and further details to Mr. J. Ellis, Adviser for Science, Salford Schools Office, Chapel Street, Salford M3 5LT, to whom completed application forms should be returned as soon as possible.

COMMUNITY ARTIST with drama skills required for intensive contact. John Ruling, Trinity Arts Association, 17 Grange Road, Small Heath, Birmingham 10. Telephone 021-773 7010.

STAFFORDSHIRE, West Midlands, Herefordshire, Wind Hour provide colourful educational books and toys. Forty man, top remuneration. No selling. Applications for Area Managers, on successful completion of training.—Write Box 1628 Sell, The Times, WC1X 8EZ.

Outdoor Education

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RESIDENTIAL ASSISTANT WARDEN required from 1st September, 1977.
Applicants should be qualified teachers or have a degree and should have a wide interest in field studies. Experience in adventure training and/or experience in Outdoor Pursuits.
The post is residential, full board and single accommodation is provided in return for extra-mural duties.
Salary will be according to age and Primary Scale 1.
Further particulars and an application form obtainable from the Principal Officer, Wash Road, Wisbech, Cambs. PE13 2RE. Closing date July 7th, 1977.

DERBYSHIRE
LOCATION COMMITTEE
CHAPEL-EN-LE-FRITH OLD STUDY CENTRE ASSISTANT WARDEN
(Re-advertisement)
Applications are invited from suitably qualified and experienced HEAD-WARDEN who will be responsible for the organization of instrumental ensembles of all levels. The ability to play more than one instrument will be an advantage.
Salary will be Burnham Scale 1 or Scale 2 according to qualifications and experience.
A car is essential. Assistance with removal and lodging expenses.
For application forms (to be returned by 4th July) send stamped addressed envelope to the Education Staffing Officer, County Hall, Dorchester DT1 1XJ.

LONDON
CITY OF LONDON POLYTECHNIC
Applications are invited for the post of Alcohol Unit Trainer (Technician Grade in Media Services).
Responsibilities will include setting up, operating and routine maintenance of a wide range of sound and visual aids equipment, and production of teaching material.
An enthusiastic approach to AV work is essential and some experience and aptitude in this field desirable.
Salary scale £2,508 to £3,315 plus £312 supplement.
Superannuation and other conditions of service according to Burnham and other agreements.
Further details and application form from the Personnel Officer, City of London Polytechnic, Calcroft Road, London SE5 7RX, to whom completed forms should be returned by 30 June 1977.

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Accommodation for up to 80 children mainly of inner inland area boarding in January, 1977.
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Senior Lecturer, experience or performance. Terms and conditions of employment will be as laid down by the B.A.O.A.
Applications are invited for this position and further details are available from the General Secretary, B.A.O.A., 60a High Street, Slough, to whom letters of application should be addressed.

EAST SUSSEX
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Full-time qualified PERIPATETIC TEACHER of orchestral bowed instruments required from September, 1977 or as soon as possible thereafter to teach individuals and groups in Middle and Secondary Schools in the Western Area of the County based on Brighton. A proportion of time will be spent assisting the Youth Orchestras and assisting the Director.
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POWYS
COUNTY COUNCIL
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Required for September 1977 Peripatetic Teacher of Woodwind Music for Middle Schools. Scale 1 post £1,767-£2,820.
Application forms and further particulars may be undersigned (stamped addressed envelope). Closing date July 8, 1977.
Education Officer, County Hall, Llandrindod Wells, Powys.

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TEACHING assistant in mass sports to date (USA) the Corinthians Tigers Flyers (Football) Hockey. Some musical antique peddling with the Lancashire Lancers (Hockey) Hockey including phone number to Personnel Officer, Sports Unlimited, Gatesbridge, Helmsley, Nth. Allerton, Gatesbridge, Helmsley.

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Apply Dean's Office, The Chapter House, Chapter Close, The Chapter Clerk's Office, The Cathedral, Lincoln.

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EDUCATION DEPARTMENT
Required from 31st August, 1977 or as soon as possible thereafter, 1 Full-time SCIENCE TEACHER to work in Primary and Secondary Schools. Knowledge of Bunsen teaching method essential. Scale 1 rate but possibility of Scale 2 for suitable applicant.
Please send manuscript addressed envelope for application form and further details to Mr. J. Ellis, Adviser for Science, Salford Schools Office, Chapel Street, Salford M3 5LT, to whom completed application forms should be returned as soon as possible.

SCOTTISH CENTRE FOR SALE.—See Properties for Sale.

English as a Foreign Language

CAMBRIDGE
THE HOTHERSALL SCHOOL for ENGLISH
will be holding four week TEACHER TRAINING COURSES in July, August, September 1977.
Applicants should be graduates or have a good standard of education and be aged 21 plus. Accommodation arranged if needed.
Write to: The Principal, 3, Brookside, Cambridge.

CAMBRIDGE
Trained TEACHER experienced in teaching English to Foreign Students and beginners required for Bridge Study Centre. Applicants should have a Degree in English or Modern Languages, a P.G.C.E. or the D.T.E.S.L. and minimum of 2 Years relevant experience required. Preference given to applicants equipped (BA or MA) to have experience of teacher-training or an M.A. in Applied Linguistics or Teaching. Salary £2,738 to £4,000.
Apply giving full details of qualifications, experience, and teaching aims to the reference in The Directorate of Staffing, Cambridge Education Committee, 328, Mill Road, Cambridge.

DORSET
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E.S.L. TEACHERS urgently required for Summer Course, July for two, three, four, five and six-week periods on three courses.
If you are an experienced and qualified teacher please telephone Wimborne 4127.

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Required, November-January full-time TEACHER of ENGLISH for foreign students in Newhaven. Initial month's trial. Accommodation free, one or two residential posts available, one day release. Salary commensurate with experience. Terms of contract negotiable.
Applicants should be graduates or have equivalent qualifications and/or specialized training, preferably with experience.
Apply with full details and salary in first reference to, Director of Studies, 10 St Wilfrids Terrace, Seaford, East Sussex.

E.F.L. TEACHERS
Applications are invited for full-time courses available from July or September. Applicants should have a Diploma in English as a Foreign Language or equivalent and at least one year's teaching experience.
Send curriculum vitae to The Principal, Shortlanesend House, Truro, Cornwall, TR1 3LQ.

LONDON
THE ... SCHOOL OF ENGLISH
115 Great Russell Street, London, W.C.1.
Required: TEACHERS of ENGLISH as a foreign language to work from late September 1977 for one week. Intensive teacher training course. Salary will be negotiable.
If you are interested in this temporary post please send a complete curriculum vitae and two referees to the Principal Director.

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HOLIDAY POST, 22nd July to 20th August, teaching English to Greek teach English to small group of boys, with the object to prepare of oldtime the course essential. Telephone Kingston 26318.

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LONDON, W.1—Private school requires teachers of English as a foreign language for full-time, part-time, day, evening—week-end courses. T.E.S. 3833, The Times, WC1X.

TEACHERS IN ENGLISH required for Spanish students. Generous salary, free lessons, free board. Apply Cultura, 2 Hollington Crescent, London, NW10.

LONDON
& E.F.L. SUMMER POSTS
CULTURAL CONTACTS
The Anglo-Controlled Educational Group require EFL teachers for their Summer Course in Central London for four weeks of same.
Please telephone 01-[illegible] or Mr. G. Harris, Cultural Contacts, Nuffield Hall, London, W.1, to arrange an interview.

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LINGUAMAR LTD. are seeking teachers for a Foreign Language Course in Bournemouth for qualified College students, 1st August to 12th August, 1977.
A time work contract is available during the term for teachers who are qualified College students.
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in
FRENCH, GERMAN, SPANISH
Linguarama will be organizing series of crash courses in these languages during the summer vacation at Bedford College, University of London.
Students on these courses may prepare private accommodation in College and full board and lodging is available.
Minimum course fee is £60 for 30 hours, £90 for 45 hours, £120 for 60 hours.
Apply Summer Courses, Linguarama, 6 Hallam Street, London, W.1. Telephone 01-[illegible].

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MATHEMATICS teacher seeks position in Independent Boarding School, preferably Scotland, Tel. [illegible]

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The post is for one term only, commencing September, 1977, and terminating December 31, 1977.
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Cecilia, Magnus, Faust . . .

Robin Maconie looks ahead to this year's Proms

At a time of financial stringency, given added sharpness by uncertainty over the consequences of the Annan Report, the BBC decided, in the words of Robert Ponsonby, Controller of Music, "to plan optimistically" for this year's Jubilee Prom series.

In previous settling-in years, Mr Ponsonby has contrived to set new priorities for Prom programmes. In the face of sharp critical opposition (though not from this quarter) he has steered them away from a repertoire which, however virtuously conceived and executed, tended to create an impression of comfortable vulgarity spiced with sensational novelty, to a selection more catholic and discerning. He has revitalized populist awareness of the standard "greats" by introducing less well known, more difficult works; he has juxtaposed favourite classics and obscure works by minor composers from the same period and culture; he has encouraged the recent upsurge of interest in prebaroque music; he has also, deliberately and to tangible effect, firmly established a contemporary British composer as a distinguishing asset rather than a token liability.

These are far-reaching gains, achieved with revolutionary modesty. Now audiences have more to listen for, critics have to work harder, conductors are no longer forced into a narrowly competitive and stereotyped market, and more imaginative presentation and performance indirectly stimulated.

The changeover period has not been entirely smooth; avant-garde music sinking almost out of sight one year, early music of variable performance quality oversubscribed another year; a dearth of significant European twentieth-century classics balanced by rather too many [illegible] juxtapositions of light-weight British modern and heavyweight romantic, and similar difficulties. It is pleasant to record, therefore, that the 1977 Proms appear to have reached a plateau of quality, stability and resourcefulness.

The season begins with three concerts of British music to mark the Jubilee, much of it Jubilee stuff, but including such nuggets of interest as the Britten/Berkeley *Mont Juic* Catalan dance suite (Prom 1), a newly BBC-commissioned *Montage* by Edwin Roxburgh (Prom 2) and Purcell's cantata *Hail, bright Cecilia* (Prom 3). There are other pockets of nationalism scattered throughout the rest of the series as well: a diffuse but noticeably Russian Week (Proms 6, 7, 9, 10), a French evening (Prom 27) of Campra's *Messa des Morts* and the Fauré *Requiem*, with Messiaen's *Turangalila* Symphony, also very religious and very French, taking a further whole evening on August 24 (Prom 32).

Prom 41 couples Bartók and Dvořák with Liszt and Janáček in a Slovak evening, from 49, the traditional Viennese evening, features a couple of Josef Strauss novelties, while last night, already heavily over-ballotted, and conducted for the first time by James Loughran, includes Britten's *Cantata Academica* in its all-British programme, which to my mind is taking good intentions to an extreme.

New music makes a strong comeback this year, with two further BBC commissions, Maxwell Davies's chamber opera *The Martyrdom of St Magnus* (Prom 5), and John Buller's *Proença* (Prom 16), both based on medieval stories of power conflict and having "contemporary" overtones, setting a depressingly political tone to events that ought to be unapproachable for their music alone, but perhaps need the distraction of a protest theme. The same could be said for Henze's *The Raft of the "Medusa"*, dedicated to Che Guevara (Prom 8), and even, though to a lesser degree, for Tippett's *Midsummer Marriage* (Prom 28), which, together with *Turangalila* and Berio's new study in the psychopathology of folksong arrangement, *Coro* (which the composer will conduct with the Cologne Radio Choir and Orchestra on September 1), make up a special four-programme Prom "Contemporary Masterworks" series, on offer for the price of three.

Two excellent Round House concerts, Proms 24 and 37, feature Barraqué, Bartók and a new Percussion Quartet by the Hungarian Sándor Balassa, and works by Messiaen, Stockhausen, Boulez and Xenakis respectively. Others to look out for are Birtwistle's *Melencolia I* (Prom 22), the Gerhard *Concerto for Orchestra* (Prom 38), Boulez's *Rituel: In memoriam Maderna* (Prom 50) and Ligeti's *San Francisco Polyphony* (Prom 53). Visitors Edo de Waart and the Rotterdam Philharmonic Orchestra give two concerts on September 13 and 14, the latter including a new *Sinfonia* by the young Dutch composer Tristan Keuris, who I hope manages to live down his first name.

A special concert in memory of Benjamin Britten will be given on September 7 by the ECO under Steuart Bedford and, after the interval, by Clifford Curzon and the Amadeus Quartet, in a programme of Britten and Schubert ending with Schubert's Trout Quintet. Glyndebourne brings Mozart's *Don Giovanni* to London on August 8 (Prom 17), and Birmingham Berlioz's *Damnation of Faust* on August 31 (Prom 39). New Zealand's Dorian Choir, a regular visitor to these shores, makes its Prom début at St Augustine's, Kilburn, on August 29 with Palestrina's *Missa Assumpta est Maria*, interspersed with a spray of British and New Zealand anthems.

Early music this year is less abundant than in previous years, and the selection indicates an emergence of something like a renaissance top ten, with Monteverdi, Josquin, Gabrieli and Schütz trailing behind J. S. Bach. But you can't have it all. There are so many unexpected delights this year (Duparc (Prom 14), Stravinsky's *Orpheus* (Prom 31), complete *Pulcinella* (Prom 30), and complete *Daphnis and Chloë* (Prom 48) and there is scarcely a single concert that is not worth recommending for one reason or another. It would be curmudgeonly not to offer Mr Ponsonby and the BBC warm and unequivocal thanks for putting together a splendid series.

Arts festival

Music in the hills

Barry Still at the Malvern Festival

In August 1929 a Festival began in a Worcestershire town under the Malvern Hills, with Shaw's *The Apple Cart*, and continued powerfully through the decade up to the Second World War, covering his whole working life: there was even a new Shaw play in 1949, a rare postwar Festival.

Now, in a restyled Malvern Festival, there has been an equal partner to drama in the music of Elgar, himself closely associated with Malvern and a friend and confidant of GBS. Shaw wrote to the composer that "six bars of yours would turn the Shaw festival into an Elgar one; but that it would be a jolly good thing to". True, 1977 has almost been an Elgar festival—the symphonies and major choral works were missing—but then, *Man and Superman* redressed any imbalance.

The Royal Shakespeare Company mounted the Shaw, but without *Don Juan in Hell*. Clifford Williams directed a rich and enjoyable production, with Richard Pasco and Susan Hampshire playing Tanner and Anne Whitefield; it seemed to some to be underplayed early in the three-week run, but promised to become more pointed. The Malone of Harry Towb and the Straker of Nicky Henson were excellent. (On two evenings Donal Donnelly's one-man GBS show *My Astonishing Self* took over, not as a gag show, but as Shavian philosophy in miniature.)

The musical occasions in the Winter Gardens suffered from the difficult acoustic and from the cramped conditions for orchestral ensembles. There just is not enough space for a full symphony orchestra, unless several more rows of seats are removed. The City of Birmingham SO under David Atherton played Elgar's *In the South*; Yehudi Menuhin's advocacy of the Violin Concerto was no essay in novelty as there was little need to convince the already converted. A highly charged, emotional performance resulted, rather than one of outstanding musical merit.

The following week, Sir Charles Groves brought down the Liverpool PO with a neatly [illegible] *Nursery Suite*, and *Enigma Variations* of classic proportions, with innumerable details coming up afresh. Pierre Fournier's reading of the Cello Concerto was laboured, and disappointingly inaccurate at times. Leon Goossens' artistry in the wistful Oboe Soliloquy was a touching tribute to Elgar and the player for whom the work was composed.

Menuhin and his sister Hephzibah gave a recital of violin sonatas; Robert Tear, Philip Ledger, [illegible] Band, and the local groups [illegible] Consort of Voices and [illegible] Musical Society kept the musical ball rolling, until John Eliot Gardiner's Monteverdi forces closed the Festival with an attractive programme of Elgar works for [illegible] orchestra.

Fringe events occupied those with time and energy to spare: [illegible] but some—Ken Russell's Elgar film; an exhibition of Shaw memorabilia; amateur drama, dance and music; dawn/up to *It's a Knockout*.

And what about next year? [illegible] is confidence that the Malvern Festival will quickly develop its own identity, find the necessary [illegible] and financial viability and [illegible] a recognizable shape. This [illegible] there was interested support [illegible] beyond the immediate neighbourhood. So far the signs [illegible] promising enough.

Violence in vogue

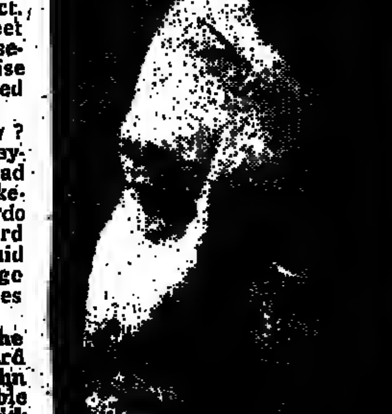
Heather Neill

Arena: Theatre (BBC2) Wednesday June 15), ostensibly about modern playwrights, was actually a news programme. The message: this is a violent world and any playwright worth his salt must reflect the fact. Cut to Ulster and Balcombe Street to make sure we get the point. Elsewhere cut to Morecambe and Wise (to show contrast of uncommitted entertainment).

Remember *Look Back in Anger*? Twenty-one years later, the playwright is looking around and ahead in anger, expecting a Fascist takeover any time and wielding words in defence and warning. Howard Brenton, smiling disarmingly, said he would like his plays to change the world. A severe case of Blues under the Bed.

If this seems to trivialize the work of Barrie Keefe, Howard Brenton, Trevor Griffiths and John McGrath, it was the inescapable effect of attempting to deal with four playwrights (and other names and play titles dropped passim) in 50 minutes, allowing them a few minutes each to speak for themselves and intercutting scraps of plays by way of illustration.

Who was the programme for? Only a complete unintiate would have to be given so simplified a message. Surely *Arena* might more usefully have attempted to deal with one playwright thoroughly in the context of political theatre. It is touching that the writers still have so much faith in the political efficacy of their work; it is unfortunate that television has no such confidence in theatre as a topic of general interest.



Howard Brenton

Albert Hunt, who presented the programme, said that what he missed was the *how* of modern political plays. Brecht could show you *how* to use theatre to cut Hitler down to size (a few frames of *The Resistible Rise of Arturo Ui*), the moderns attempted no such thing. The programme was similar: it told you things, but did not show you much.

Ad Parnassum

Clementi: his life and work. By Leon Plantinga.
Oxford University Press £15.00. 19 315227 4.

Mutius Phillipus Vincentius Franciscus Xaverius Clementi was born in Roma in 1752—but we didn't even know that until quite recently; the composer of *Gradus ad Parnassum*, the virtuoso performer, the publisher, and the piano maker still gets pretty short shrift on the radio and on the concert platform—though I hear that aficionados in North London are beginning to spread the word in recitals where his keyboard music appears more and more often.

The question is, why *has* his musical reputation, on the whole, declined from those days of his own lifetime, when he was even more famous than Mozart? Is the neglect justifiable or not? One hopes to be a little wiser after reading a biography which, with its nine pictures, index of editions and extensive bibliography claims also to be "the first comprehensive discussion and assessment of Clementi's music".

It is, indeed, a painstakingly detailed biography (chapters end with anything between three and seven pages of notes), lurching to a halt every so often to give a bar-by-bar commentary (with musical examples) of pieces of pieces written at the time.

But this oh-so-familiar formula of "musical" biographies so rarely enables the reader to see the shape and peculiar quality of the wood while he is intent on turning over all the leaves that have fallen from the trees. But Mr Plantinga has done a useful and extremely thorough piece of assembly work—and for that we should be duly grateful.

Hilary Finch

Theatre and education

The show goes on

The Jubilee is not yet over.

4R Movement and Dance Group celebrate by remembering the war in *Blackout* at Lewisham Town Hall for a week beginning next Monday. The cast includes more than a hundred children and young people.

Unicorn Theatre for Young People will tour London and, on July 8 and 9, visit Cardiff with their play based on the old nursery rhyme "The Lion and the Unicorn were fighting for the Crown". (01-240 2076).

Chester Gateway theatre celebrate something else, the fourth of July. Their Independence Day Gala involves various manifestations of "yankee . . . zest" such as apple pie and jazz. (0244 40393)

Victoria Theatre, Stoke on Trent celebrate themselves and show how a play is put on in their open day, July 30. (0782 613954)

London Drama has just launched Showcase, to help teachers make up their own minds about companies offering entertainment or programmes on set texts. Several companies perform each month. The next Showcase, at the London Drama and Tape Centre, is on July 13.

Cockpit Theatre. Last chance to see Stephen Jeffreys's winning play *Like Dolls or Angels* (Carlisle College of Art and Design) and the Kabuki version of Lear (Leeds University), highlights of the National Student Drama Festival. Until Sunday (01-402 5081). Also at the Cockpit, *Play Ten*, on July 2, premieres seven plays by five well-known authors including James Saunders, N. F. Simpson and Olwen Wymark. Billed as ideal for bridging the gap between improvisation and the study of scripted texts. At the same theatre July 12, *Inside Kid* by Mark Stellmon and the Common Stock company. About teenage crime, the play is based on interviews with young people who have been in trouble with the law. The play can also be seen at Jackson's Lane Community Centre, 271 Archway Road, London N6 on June [illegible] (Common Stock 01-741 3086)

Young Vic. Six informal entertainments on Saturday mornings from 11.30 am, at 10p a session, from June 25 to July 30, various items, from puppets on the first Saturday, to mumming on July 2, to a demonstration of [illegible] on July 23. (01-928 6363) [illegible] Coffey's production of *Romeo and Juliet* returns on July 5.

Harlow Teachers' Centre are to run a course next term on *Friday* afternoons from September 30 to November 25 for infant, junior and secondary teachers of drama. (The Warden, Harlow Teachers' Centre, Rivermill, Hodings Road, Harlow)

Worsbrough, near Barnsley. School and community will launch an [illegible] venture called Cycle 77 this month. Over 200 children and adults will take part in a cycle of medieval mystery plays in the church of St Mary's Worsbrough from June 27 to July 7 (except July 3). Tickets from Manor School, Worsbrough (Barnsley 86510; weekends, evenings, Barnsley 82523).

Canterbury Kingsweek. Various artistic activities include performances by Acker Bilk and a production of *The Merchant of Venice* (The Manager, Kingsweek, King's School, Canterbury. 2ES.)

Panorama

Orchestrated essay

Michael Church

Poor old *Panorama*! It isn't cosy being the conscience of the middle classes. Produce a programme showing life in the contemporary classroom and you find yourself with academic egg all over your face. Try the opposite tack and fill the studio with a homemade class of obedient adults and, hey presto, where is your audience gone? To *The Two Ronnies*, every one.

Though no reference was made beyond one, probably inadvertent, [illegible] out of the dreaded name) the recent *Panorama* programme on Faraday School, since this is at present the subject of litigation, it was clear that this week's edition was conceived in part at least as a face-mending exercise. David Dimbleby took great care, this time, to give the whole "debate" a coherent theoretical structure and he seemed at pains to ingratiate himself with his captive class.

Luckily, they seemed just as keen to ingratiate themselves with him, popping up into the limelight for their ritual three or four sentences, and popping obligingly back out of it the moment he barked out "thank you". This curious method of studio debating, at which Robin Day is equally adept, rather resembles an extended essay, with each talking head representing one and only one—precise and well-defined concept.

David Dimbleby wrote us an elegant little essay which turned on three basic questions: was teaching a harder job now than in the past? was teacher training adequate and of the right kind? and did the right people go in for the job? His studio panel, some of them well-known members of education's stage army and some of them newcomers to it, together provided more or less every shade of opinion about what was wrong and what to do about it.

Each section of the discussion was preceded by a small piece of film, one an absolutely hilarious collation of 10-year-old views on what teachers should be like, another a more thought-provoking collation of 16-year-old views. None of this latter group would have dreamed of becoming teachers themselves: "I think their life must be terrible—some of them deserve a medal for what they take." It would obviously be a mistake to attach too much importance to the views of one isolated group, but the conviction that teachers should be "older people" capable of enforcing discipline was almost unanimously expressed. But shouldn't these teenagers impose their own discipline on themselves? A girl sounded shocked: "It wouldn't be right." If you sat in a corner of the classroom quietly working all day you'd lose friends and get picked on, wouldn't you?

One of the few ideas developed at sufficient length to be of interest concerned teacher training with the aid of video-recorders and teacher-tutors: the benefits and stumbling blocks of this process were cogently set out. But this was only an interlude, and we were soon back to our carefully organized cacophony.

The low social status of teachers, the high expectations society laid upon them, the strains of mixed ability teaching on those not trained for it, RoSLA children's needs, children from broken homes, their earlier maturation these days, inefficient heads and administrators, inadequate resources, Government parsimony, the need for in-service training, the dangers of training teachers too young, the need to find a way of promoting good class teachers without stopping them doing what they were good at—it was all potentially good stuff, but in this context, simply thrown away.

Film

Social drinking

Betka Zamoyska

Alcohol
Colour: 17 minutes
Boulton-Hawker Films Limited, Hadleigh, Ipswich, Suffolk.
£128 plus VAT or on hire from: Concord Films Council Ltd or National Audio-Visual Aids Library.

This is a film aimed at 11- to 15-year-olds on the uses and abuses of alcohol. The opening shots show young people drinking at a discotheque. The film then charts the historical beginnings of alcohol through pictures of drinkers in previous civilizations. Unfortunately the commentary is particularly weak at this point.

Some interesting facts about ways in which wine was first distilled and details about social customs of the times would have helped to bring the series of pictures of Egyptian, [illegible] and biblical drinkers to life. They would also have provided some useful points of reference for teachers to use in follow-up discussion.

What rules did previous civilizations make about alcohol? At what age were children allowed to drink wine in Roman times? Facts like these would have helped teenage viewers to compare present-day attitudes to drinking to those of earlier societies.

The film also shows the sort of occasions at which alcoholic drinks are readily available: parties, weddings, clubs and pubs, but it fails to point out the different reactions to alcohol in our society. The commentary mentions that some people do not drink wines, beers or spirits but the shots are all of people enjoying these drinks.

It might have been helpful to a teenage audience to see how people in a social situation opt out of drinking when they feel they have had enough. How does a teenager refuse a drink or change to something non-alcoholic in a way that would be socially acceptable to his peer group?

These are the sort of questions that many teachers are trying to tackle. It would have been helpful to have had some examples of teenagers who were able to control their drinking habits without appearing prim or disapproving to their friends.

There are a series of shots of young people drinking at a party and the way in which their behaviour gradually becomes less inhibited until one or two fall asleep or become unconscious. The commentary does not suggest any precautions that party-goers could take to prevent themselves becoming too drunk to drive home afterwards. No hints are given, such as drinking a glass of milk before going out or eating food at the party to help absorb some of the alcohol. There is no mention of the danger of mixing drinks.

The film does point out the varying alcoholic content of different types of drinks and there is a good sequence showing a boy driving under the influence of alcohol and the way in which it affects his judgment and vision. The commentator also makes the point that one glass of wine affects a smaller person more than a larger one and an accompanying diagram compares a child's consumption to an adult's.

This is intended to be the first of a sequence of films about teenage drinking. It is hoped the next in the *series* will take up some of the points this film seems to have missed.

ETV

Playing with words

Cherida Mares

Many teachers are frustrated by the copyright restrictions which make it an offence to take general television programmes for use with their pupils. Yet these programmes are often of a standard which cannot be matched by the more modestly funded educational television. In a time of shortage of resources it is hardly appropriate to deny children in schools the benefit of programmes funded (in the case of BBC programmes) by licence-paying parents.

Copyright restrictions also mean that although school television and radio programmes may be recorded they may not be retained for more than three years. While most primary schools do not own videotape recorders, many have tape recorders and if they are trying to build up a resource library, it is unrealistic to expect teachers to destroy tapes that are still being used. Particularly vulnerable in any such library are the poetry and stories suitable for small groups or individual listening.

Wordplay: that'd be telling, is the clumsy title of an otherwise imaginative new story series that started this term. It has a slightly different emphasis from other series and as it is intended for private listening, it should be taped so that children can select, listen, enjoy, and respond by themselves.

Formal follow-up work is discouraged and the main aim of the series is to encourage children to talk spontaneously to their teachers or to other children about what they have heard.

In fact if the tapes are popular it is unlikely that teachers will be able to talk to all the children individually. This problem has been anticipated and the teacher's handbook cites one particular solution—if she is busy she encourages children to talk to the tape recorder. She then listens to the tape at home and is ready to continue the conversation the next day: a risky suggestion as the sterile experience of talking to a tape recorder could dry up rather than encourage a flow of language.

One of the attractions of *Wordplay: that'd be telling* is the different accents of the storytellers—Asian, West Indian, Indian, Welsh, and Scottish. This may be difficult for pupils already having problems with standard English, but a subsidiary aim of the series is to encourage pleasure in and respect for the variety of language and dialect.

Films

Inherited wisdom

Human Heredity
16mm colour. 18 minutes. British version by Boulton-Hawker in association with Educational Foundation for Visual Aids.
Available for sale from Boulton Hawker Films Ltd, Hadleigh, Ipswich, Suffolk IP7 5BG, or for hire from National Audio Visual Aids Library.

Human Heredity is an updated version of a film previously released in the early 1960s. It is four minutes longer than the first version and has been extensively revised. Animation is used for much of the time with occasionally a light hearted cartoon approach which should appeal to both pupil and teacher.

In the past inheritance was often related to the possession of a particular type of blood, "good" and "bad" blood being common expressions of this idea. The film starts with this viewpoint and then introduces the chromosome theory of inheritance. The presence of a pattern of chromosomes in egg and sperm cells is established.

Step by step, the presence of a pair of sex chromosomes and the way in which the sex of a human being is determined at fertilization are described. The film goes on to suggest that, in the future, it might be possible to decide the sex of a baby by affecting one or other of the two types of sperm.

The function of chromosomes in carrying genetic information is related to the DNA that they contain. A simple structure of DNA is illustrated and the way in which its information is conveyed to the rest of the cell is simply, but effectively, described. The concept of a gene as a section of DNA, and various examples of human characteristics controlled by genes, are illustrated.

Through cell division it is shown that the pattern of the chromosomes and consequently the genes is continued. The number and nature of the chromosomes alters with different types of organism.

The next section of the film is concerned with another aspect of heredity, how twins are formed. A pair of identical twins describe, using a flannelboard, how they were formed, and a non-identical boy and girl twins show how the fertilization of two different eggs can produce twins like themselves.

This film certainly succeeds in its aim of providing a simple but accurate introduction to human heredity. With the developing interest in social areas of biology this will be a timely addition to the available resources in the area of genetics. The film could be used for a variety of courses over a wide age range.

John Barker

Experience of childbirth

Lucy Gibson

Seeing *Birth*, a film by Helen Brew, the founder of the New Zealand Parents Centre movement, makes me afraid of ever going to hospital to have a baby. The film, narrated by R. D. Laing, is about women's experience of hospital childbirth.

It was made in New Zealand—but the same things happen here—and it concentrates on various unpleasant procedures involved in hospital deliveries. For example, it discusses artificial induction of labour, shaving of pubic hair, and episiotomy (an incision to enlarge the birth passage). We see a woman being prepared for delivery, upside-down, legs in stirrups in an uncomfortable, humiliating position.

We are shown the separation of baby from mother in the first days of life, the critical time for establishing the bond between mother and child. The camera catches a young woman's distressed, puzzled face as her baby is wheeled away from her down the corridor to the babies' room.

In another sequence, a new father looks at his child for the first time through a glass window. His expression is one of overwhelming emotion. After what seems less than a minute, a nurse takes the baby away.

At the end of *Birth*, the hospitals where much of it was filmed are thanked for their cooperation; this seems ironic, as they come out of it badly. I was sympathetic to the film's plea for women to have [illegible] to them [illegible] treated as [illegible] natural [illegible] not as sick people requiring treatment.

But I could not help feeling that hospitals were being unfairly attacked. The implication is that all these procedures are routine, and the doctors and nurses are not given a chance to explain or defend their procedures, some of which must, sometimes, be defensible.

The only moment in the film at which hospital staff are portrayed as anything but arrogant and insensitive was the natural childbirth sequence where they cooperated with the husband in the delivery and shared the couple's delight with their baby. However, natural childbirth is not possible for every woman, and this film must be discouraging for the many women who have to rely on medical expertise for a safe delivery.

A more useful approach to these problems is presented in *A Child is Born* (1973), a film by Dr Frederic Leboyer, a French obstetrician, which has recently aroused great interest. While Brew's film illustrates a number of births, Leboyer's film shows the delivery and aftercare of one infant. He conveys his empathy for the awesome adjustment the infant must make in separating from its mother, and we see the techniques he has developed to mitigate this crisis.

The baby is returned to the mother immediately after delivery and placed on her stomach; after a while, as others care for the mother, the infant is slowly massaged and placed in warm water. The room is dim, and it is so quiet you can hear the birds singing outside. The baby, not surprisingly, appears smiling and relaxed and by the end of the film its eyes are wide open.

Both these films show the need for society to respect the extreme vulnerability of mother and baby during birth. But the violence of *Birth's* attack on the health professions distracts from the important things it has to say.

Inquiries about "Birth" to Media Insights Ltd, 2 Eton Road, London, NW3, or Fergus Davidson Associates 01-689 6894. "A Child is Born": Guild Sound and Vision Ltd, Woodstone House, Peterborough.

Briefings

Radio and tv

OU and FE

The Critical Vocabulary (Saturday 06.05 VHF 3)
A discussion on drama concentrates on its specialized vocabulary.

The Effect of World War I on Russia and Germany (Saturday 08.05 BBC 2)
Film of Germany and Russia at the time of Kaiser and Tsar leads on to the study of the two socialist revolutions.

Zeroing in on O.D. (Saturday 14.20 VHF 4)
Two members of the course team holding different opinions of the theory and practice of Organization Development discuss the TV programmes "We have Consensus" and "I Cannot Negotiate".

Language, Meaning and Empiricism (Saturday 16.40 VHF 4, Thursday 06.40 VHF 3)
A discussion of the article by J. R. Searle—"Chomsky's Revolution in Linguistics".

A Gilt-edged Investment (Sunday 06.20 VHF 3)
Professor Maurice Peston, of Queen Mary College, talks about the various economic concepts affecting educational policy.

A View of the Renaissance (Sunday 07.40 BBC 2)
An eye-witness account of Renaissance Florence. The writing of Vasari is analysed.

Dartington Hall School (Sunday 08.05 BBC 2)
Focuses on the problem of socialization and social order. What are the constraints on behaviour in a seemingly free school?

Know Your Body (Monday 18.30 Radio 3)
Rainer Goldsmith, professor of physiology at Chelsea College, London, on the human body.

The New Developments in Technician Education (Tuesday 19.00 Radio 3)
New TEC courses require rethinking of methods of assessment and skills being tested.

Politics Now (Tuesday late night BBC 1)
Edward Heath aimed for a "quiet but total revolution" when he became Prime Minister in 1970. Lord Carr and Heath, himself, explain their attitude to industrial relations, the Common Market and Northern Ireland.

Looking at Television (Wednesday 11.39 ITV)
"Futurevision" looks carefully at the Annan report and at technological development in television. Will these two factors bring radical change in programmes? What does the public want?

Music Hall (Friday 18.30 Radio 3)
The last of four programmes examines the reasons for the disappearance of the music halls. What has replaced them and is there any resemblance to the performances of the past?